

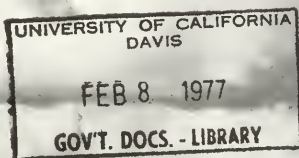
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Rainfall Analysis for Drainage Design Volume II. Long-Duration Precipitation Frequency Data

Bulletin No. 195
October 1976

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Technical Report Documentation Page

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16. Abstract This report is an analysis of depth-duration-frequency of precipitation in California and contains the annual series extreme values from about 30 rain gage networks in California. A statistical analysis of each record is available, giving 12 return periods ranging from 2 to 10,000 years and durations of 5 minutes to 60 days, including the annual total precipitation. Methods of interstation interpolation are given. Hourly precipitation records of the National Weather Service were reevaluated to develop 5-, 10-, 15-, and 30-minute extreme data. This volume reports depth-duration-frequency analysis of precipitation with durations of one day to 60 days from 900 nonrecording rain gages. The data contained in this report are intended for use in runoff computation using procedures such as the rational method or the unit hydrograph method. A cooperative computer data bank has been developed to store data on rainfall extremes and to periodically analyze data, as well as to maintain a continuous file for future use by cooperators.			
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**Department of
Water Resources**

Bulletin No. 195

Rainfall Analysis for Drainage Design

**Volume II.
Long-Duration Precipitation
Frequency Data**

October 1976

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Secretary for Resources

**The Resources
Agency**

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**State of
California**

Ronald B. Robie
Director

**Department of
Water Resources**

OTHER VOLUMES OF BULLETIN NO. 195
(Bound separately)

Volume I. Short-Duration Precipitation Frequency
Data

Volume III. Intensity-Duration-Frequency Curves

Disclaimer Statement

The contents of this report reflect the views of the CALIFORNIA DEPARTMENT OF WATER RESOURCES, which is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the CALIFORNIA DEPARTMENT OF TRANSPORTATION or the FEDERAL HIGHWAY ADMINISTRATION. This report does not constitute a standard, specification, or regulation.

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and many private individuals

INTRODUCTION

Bulletin No. 195, *Rainfall Analysis for Drainage Design*, comprises three volumes issued as separately bound publications that complement one another but are also useful as independent documents. Volume I contains short-duration precipitation data. This volume, Volume II, contains analyses of long-duration precipitation frequency records for storms lasting from one day to 60 days. Data on rainfall and snowfall are included. Volume III contains precipitation intensity-duration-frequency data.

Volume I includes records of precipitation for storm durations shorter than one day recorded by gages having five or more years of record. Volume II includes selected data on daily rainfall frequency, with 20 or more years of record. The data include the following:

All records evaluated during the past 15 years by the Department of Water Resources for spillway analysis.

Records from stations that have been added to complete a minimum statewide grid.

Comprehensive countywide data sets provided by several county flood control districts.

Records of gages having 70 or more years of daily rainfall record.

Data on extreme rainfall contributed by many consulting engineers and private meteorologists.

The daily depth-duration-frequency tables are arranged by drainage areas for all California stations with 20 or more years of record. (These areas are the major drainage provinces and hydrographic units shown on Plate 1.) The tables report data for periods of 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 30, and 60 consecutive days, and total annual precipitation. These are records from which the regional coefficients of skewness and variation used in Volume I were derived.

The usefulness of time-related data depends on the frequency with which observations are made. However, data storage capacity limits the total amount of information that can be collected and analyzed economically. Restricting the data to an annual series of extremes, as has been done in this study, has simplified the maintenance of the data file. Only the greatest

depth of rain for each year for the specific durations under study are reported here.

Data Bank

A permanent data bank containing long-duration data (for 1 to 60 days), reported here as Volume II, is filed in the Computer Systems Office of the Department of Water Resources on a seven-channel magnetic tape. The procedure for editing and updating the daily rainfall frequency data file is Computer Process 842. Data are retrieved and analyzed by Computer Process 843. The data are filed in this system by the drainage areas shown on Plate 1.

The data bank is a truly cooperative enterprise between the Department of Water Resources and the agencies listed under "Acknowledgments", which have contributed the data reported in Bulletin No. 195. The information filed in this bank is available to all cooperators in this study. The locations of those stations having 20 or more years of record are shown on Plate 2 and listed in the index.

Limitations of Rain Gages

A word of caution regarding the inadequacies of rain gage records is important to the user of this data. Both wind and snow can cause gages to underregister by preventing precipitation from entering the gage.^{1,2} Turbulent air reduces rainfall catch by deflecting the rain from the gage orifice. Its deflection of snow is even greater. Snow also interferes with the functioning of the gage by occasionally forming a thick cap over the gage opening. The loss of record that ensues is usually unknown. It has not been possible, therefore, to correct these studies to account for such errors in the record. The data user should probably select a large return period or use some other procedure as a safety factor under snowy conditions.

Earlier Reports

Two previous publications have been useful in preparing this report. In 1961, the U. S. Weather Bureau issued its Technical Paper No. 40³, in which are summarized data for storm durations of 30 minutes to 24 hours and return periods up to 100 years. The paper's full utility was limited by rain frequency maps drawn to a scale of 1:10,000,000. In 1973, the National Weather Service published a rain frequency atlas for California⁴ in which the depiction of rain frequency in the State was improved by maps at a scale of 1:1,000,000. The atlas developed data for 6-hour and 24-hour storm durations and return periods up to 100 years.

Maximum Daily Rainfall

Extremes of rainfall are best expressed in terms of statistical variation, rather than in inches of rain. Evaluating rainfall events as standard deviations above the mean provides a truer measure of maximum rainfall. When extreme rains are thus normalized, the highest values often are shown to have occurred at stations other than those that received the heaviest rains. This is demonstrated by the data shown in Table 1. In the North Coastal drainage province, for example, the extreme recorded daily rainfall occurred in 1949 at Gasquet Ranger Station, where the maximum daily precipitation was 474 millimetres (18.70 inches). This is 2.7 standard deviations above the mean. However, when the data are normalized, the extreme rains in that area are shown instead to have taken place in 1951 at Orick, where the maximum daily precipitation was 292 millimetres (11.50 inches), or 4.0 standard deviations above the mean. Occasionally the values for extreme recorded rainfall and the normalized extreme rainfall coincide at one station, as in the case of Lytle Creek in the Santa Ana drainage province. For the most part, though, such events are the exception.

Table 1. REGIONAL RAINFALL EXTREMES FROM NONRECORDING RAIN GAGES

Drainage* Province	Extreme Recorded Rainfall					Normalized Extreme Rainfall				
	Station	Mean Annual Rainfall in millimetres (in inches)	Year	Maximum Daily Rainfall in millimetres (in inches)	Standard Deviations Above the Mean	Station	Mean Annual Rainfall in millimetres (in inches)	Year	Maximum Daily Rainfall in millimetres (in inches)	Standard Deviations Above the Mean
North Coastal	Gasquet Ranger Station	2 593 (102.08)	1949	475 (18.70)	2.7	Orick	1 807 (71.15)	1951	292 (11.50)	4.0
San Francisco Bay	Lake McKenzie	1 168 (45.97)	1956	305 (12.01)	3.2	Mt. Hamilton	679 (26.73)	1885	230 (9.05)	4.2
Central Coastal (North)	Boulder Creek	1 577 (62.10)	1959	319 (12.57)	1.8	Paicines	388 (15.29)	1956	142 (5.60)	3.9
Central Coastal (South)	Juncal Dam	720 (28.36)	1969	406 (16.00)	3.2	Los Alamos	387 (15.22)	1918	148 (5.81)	3.6
Los Angeles	Hoegaes	941 (37.03)	1943	522 (20.57)	3.3	Sawtelle	377 (14.84)	1934	239 (9.40)	4.1
Santa Ana	Lytle Creek	839 (33.02)	1969	633 (24.92)	6.3	Lytle Creek	839 (33.02)	1969	633 (24.92)	6.3
San Diego	Henshaw Dam	652 (25.67)	1927	368 (14.48)	4.0	Henshaw Dam	652 (25.67)	1927	368 (14.48)	4.0
Sacramento River	Hobergs	1 465 (57.68)	1938	361 (14.20)	2.9	Colfax	1 208 (47.57)	1965	162 (6.37)	4.1
San Joaquin River	Crane Valley	1 020 (40.16)	1956	230 (9.04)	2.5	Hetch Hetchy	867 (34.13)	1951	201 (7.91)	3.6
Tulare Lake	Kern River Intake 3	426 (16.77)	1967	331 (13.02)	4.9	Kern River Intake 3	426 (16.77)	1967	331 (13.02)	4.9
North Lahontan	Tahoe City	802 (31.56)	1945	190 (7.50)	2.8	Susanville	374 (14.72)	1963	119 (4.70)	2.9
South Lahontan	Squirrel Inn	1 018 (40.07)	1916	427 (16.81)	4.1	Independence	116 (4.55)	1967	145 (5.72)	4.4
Colorado River	Raymond Flat	828 (32.60)	1938	343 (13.50)	2.7	Indio	79 (3.12)	1940	164 (6.45)	5.1

* See Plate 1



Standard rain gage of the type used to measure daily rainfall for the past 70 years. Support device and stakes secure these gages to the ground.

Photo by Weather Measure Corp.

ANALYSIS OF THE DATA

The equations of mean (\bar{X}), standard deviations (S), the coefficient of skew (g), the coefficient of kurtosis (k), and the coefficient of variation (CV) are basic to this study. They are shown here:

$$\bar{X} = \frac{\sum X}{N}$$

$$S = \frac{\sum (x)^2}{N-1}$$

$$g = \frac{N \sum (x)^3}{(N-1)(N-2)S^3}$$

$$k = \frac{N^2 \sum (x)^4}{(N-1)(N-2)(N-3)S^4}$$

$$CV = \frac{S}{\bar{X}}$$

Where X = the magnitude of an event and $x = X - \bar{X}$

The mean expresses the central tendency of the data set. The standard deviation measures the deviation from the mean. The skew shows the lack of symmetry, or lopsidedness, that occurs in a rainfall data set due to bounding by a lower limit and virtually no bound on rains' upper limit. Kurtosis is used here to test for appropriateness of various frequency distributions.

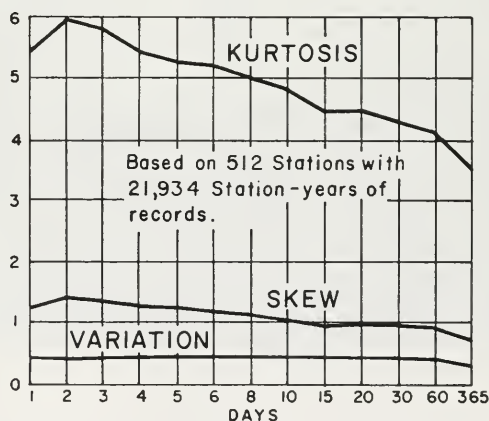
A number of probability distributions have been found to be adequate for hydrologic frequency analysis; these include the normal, exponential, Gumbel, log-normal, log Pearson's Type III, Pearson's Type III (Gamma), and Weibull distributions.⁵ For each distribution there exists a unique relationship between the coefficients of skewness and kurtosis. The Pearson's Type III distribution is used in this report.

The precipitation depth-duration-frequency tables in this volume were prepared with the Department's Computer Program No. 3024. This program uses the general equation for hydrologic frequency analysis from Chow's *Handbook*⁶, which is:

TABLE 2
FREQUENCY FACTORS FOR PEARSON'S TYPE III DISTRIBUTION

Return Period in Years	Coefficient of Skew																	
	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	
2	-.07	-.08	-.10	-.12	-.13	-.15	-.16	-.18	-.20	-.21	-.23	-.24	-.25	-.27	-.28	-.29	-.31	
5	.82	.81	.80	.79	.78	.77	.76	.75	.73	.72	.71	.69	.68	.66	.64	.63	.61	
10	1.32	1.32	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.33	1.33	1.32	1.32	1.31	1.30	
20	1.75	1.77	1.80	1.82	1.84	1.86	1.88	1.89	1.91	1.92	1.94	1.95	1.96	1.97	1.98	1.99	2.00	
25	1.88	1.91	1.94	1.97	1.99	2.02	2.04	2.06	2.09	2.11	2.13	2.15	2.16	2.18	2.19	2.21	2.22	
40	2.14	2.19	2.22	2.27	2.31	2.35	2.38	2.42	2.45	2.49	2.52	2.55	2.58	2.61	2.64	2.66	2.69	
50	2.26	2.31	2.36	2.41	2.45	2.50	2.54	2.58	2.63	2.67	2.71	2.74	2.78	2.81	2.85	2.88	2.91	
100	2.62	2.69	2.76	2.82	2.89	2.96	3.02	3.09	3.15	3.21	3.27	3.33	3.39	3.44	3.50	3.55	3.61	
200	2.95	3.04	3.13	3.22	3.31	3.40	3.49	3.58	3.66	3.75	3.83	3.91	3.99	4.07	4.15	4.22	4.30	
1,000	3.67	3.81	3.96	4.10	4.24	4.39	4.53	4.67	4.81	4.96	5.10	5.23	5.37	5.51	5.64	5.77	5.91	
2,000	3.96	4.12	4.29	4.46	4.63	4.80	4.97	5.13	5.30	5.47	5.63	5.80	5.96	6.12	6.28	6.44	6.60	
10,000	4.60	4.82	5.05	5.27	5.50	5.72	5.96	6.18	6.41	6.64	6.87	7.09	7.32	7.54	7.77	8.00	8.21	

Figure 1.



VARIATION IN EXTREME PRECIPITATION
STATISTICS WITH STORM DURATION

$$P_{ji} = \bar{P}_i + K_j S_i$$

where j = return period in years

i = specific storm duration in minutes, hours, or days

P_{ji} = precipitation in inches for return period j and duration i

\bar{P}_i = mean maximum annual storm for duration i

K_j = frequency factor (in standard deviations) for return period of j years

S_i = standard deviation of maximum annual storm for duration i

The frequency factor (K) is from the Pearson's Type III Distribution⁷ and is related to the return period, as shown on Table 2. As an example of the significance of skewness in hydrologic frequency analysis, a 1,000-year storm is defined as the mean plus 3.67 standard deviations for a skewness of 0.4 and the mean plus 5.91 standard deviations for a skewness of 2.0.

Regional coefficients of skewness (Sk) are used because skewness is quite sensitive to large storm events in small statistical samples. The sensitivity of skewness was illustrated when the largest daily rainfalls from 79 daily rainfall records, each having 70 years or more of record, was normalized in terms of standard deviations in excess of the mean. The coefficient of determination between the normalized maximum daily rainfall and the coefficient of skewness was 0.74, indicating 74 percent of the variation in the coefficient of skewness is related to the size of the largest daily event in the rainfall record.

Regional Coefficients

Standard deviations of extreme annual rainfall are subject to sizable random errors for small samples of years. To overcome the small sample problem, the standard deviations have all been converted to a dimensionless coefficient of variation (CV) by dividing the standard deviations by means. Averages of the coefficients of variation are quite stable over a broad range of storm durations, as well as over a broad geographic region.

The uniformity of the coefficient of variation with duration is illustrated on Figure 1, which shows a nearly uniform coefficient of variation for all storm durations from one to 60 days. This was based on statewide averages. The actual values selected for use in this report are shown on Table 3 for the 14

Table 3. REGIONAL COEFFICIENT OF VARIATION OF MAXIMUM ANNUAL SERIES PRECIPITATION
Second Approximation - September 11, 1975

Regions*	Storm Duration in Days												
	1	2	3	4	5	6	8	10	15	20	30	60	365
1	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
2	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
3	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
4	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
5	.348	.371	.372	.370	.361	.359	.364	.363	.363	.365	.369	.377	.324
6	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
7	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
8	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
9	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
10	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
11	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
12	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
13	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
14	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555

*Shown in Figure 2.

Table 4. REGIONAL COEFFICIENT OF SKEW OF MAXIMUM ANNUAL SERIES PRECIPITATION
Second Approximation - October 14, 1975

Regions*	Storm Duration in Days												
	1	2	3	4	5	6	8	10	15	20	30	60	365
1	1.1	1.3	1.2	1.1	1.1	1.0	.9	.8	.6	.8	.7	.7	.4
2	1.3	1.5	1.6	1.7	1.6	1.7	1.5	1.5	1.2	1.2	1.1	1.0	.6
3	1.3	1.6	1.5	1.4	1.3	1.3	1.1	1.0	.9	.9	.9	.8	.5
4	1.1	1.2	1.1	1.0	.9	.9	.9	.8	.8	.8	.8	.8	.5
5	1.2	1.4	1.3	1.2	1.1	1.0	1.0	.9	.8	.7	.7	.8	.8
6	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.1	1.2	1.0
7	1.3	1.5	1.4	1.3	1.2	1.3	1.5	1.5	1.4	1.4	1.4	1.5	1.2
8	1.2	1.4	1.3	1.2	1.1	1.2	1.2	1.2	1.1	1.1	1.0	1.1	1.0
9	1.4	1.3	1.3	1.4	1.4	1.4	1.2	1.2	1.1	1.0	1.0	1.2	.9
10	1.6	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.6	1.6	1.4	1.5	1.1
11	1.2	1.3	1.2	1.1	1.1	1.0	1.0	1.0	.9	.9	.8	1.1	.9
12	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.6	1.8	1.6	1.1
13	1.6	1.5	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	1.1

* Shown in Figure 3.

geographic zones shown on Figure 2. These values of CV were based on weighted mean values derived from the length of record. It is anticipated that these values will be periodically modified. The geographic zones were selected on the basis of similar values of CV. The chief problem with the CV values in Table 3 is demonstrated by the abrupt discontinuities between adjacent zones. To overcome these, lines of equal CV have been prepared for future consideration. They are shown in Plate 11. Perhaps some smoothing technique should be used in all of these 14 zones. The only zone, where smoothing was used was the southeast part of the zone, where the random fluctuations (in CV with duration) were felt to be excessive.

The coefficient of skew (CS) was averaged in zones of similar values (Table 4). These are shown on Figure 3. Regional coefficients of skewness were selected to avoid the situation in which a projected rainfall event for a large return period at a short duration would exceed one for a long duration. Such a situation has occurred in previous reports.

Frequency Distribution

The criterion for the selection of a frequency distribution to represent extreme annual precipitation for this report is the skew-kurtosis relationship shown on Figure 4, which shows curves representing log-normal, Weibull, and Pearson's Type III distributions, as well as points representing normal and Gumbel distributions. The data points represent weighted averages of skew and kurtosis from 512 daily rainfall measuring stations with 21,934 station-years of record. The Pearson's Type III distribution is the clear choice for all storm durations up to 30 days. The Weibull distribution is the best choice for 60-day storm durations and for yearly total rainfall. However, the Type III distribution is used throughout this study.

Fixed-Interval Corrections

Design storms provide the maximum values that are likely to occur for any duration, regardless of beginning and ending time. Weather observations, by contrast, are taken at a fixed time each day. Previous studies³ have shown that, on the average, the maximum daily rainfall occurring in the wettest consecutive 1,440 minutes is 14 percent greater than that taken from a once-a-day observation made at a fixed time. The same fixed rainfall measurement interval exists, regardless of duration; that is, the maximum annual rain falling for 60 consecutive minutes is 14 percent greater than the clock-hour maximum rains observed at fixed intervals.

These fixed interval corrections are described by Weiss⁸ as independent of the time interval under study and as equally valid when used to describe hourly, daily, or monthly extreme data. The values of clock-hour correction (which have been used in these studies) are shown in the following tabulation.

Figure 2.

REGIONS OF UNIFORM COEFFICIENT OF VARIATION

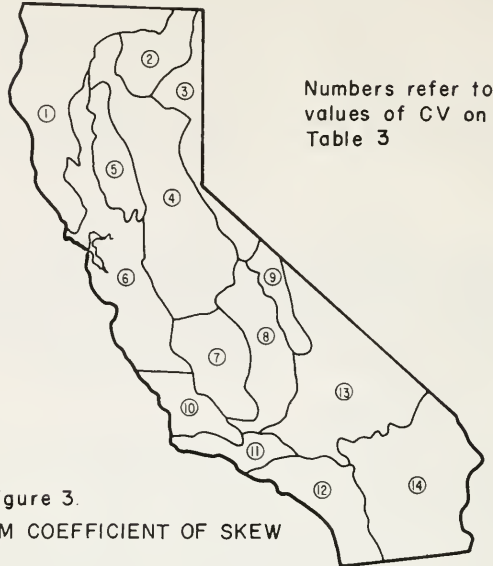
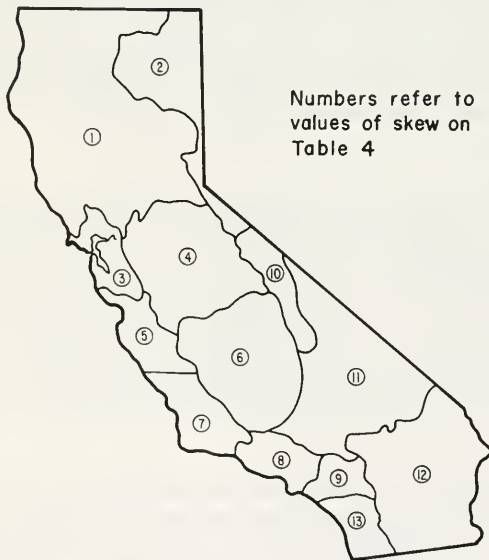


Figure 3.

REGIONS OF UNIFORM COEFFICIENT OF SKEW



Interval	1	2	3	4	5	6	8	10
Correction	1.14	1.07	1.04	1.04	1.03	1.02	1.02	1.01

The interval can be in any uniform time increments. These clock-hour corrections also become calendar-day corrections when a uniform once-a-day observation time is used.

Partial Duration Series and Annual Series

Two methods exist for extracting the extreme values of time series data: using either the highest value of a total series, regardless of the time it occurs, or the highest value for each year. The analyzed results affect only relatively short return periods because, for periods longer than ten years, the two series merge into one.

The partial duration series are those values that exceed a given base level, no matter when they occur. With this series, an analysis may include one year in which several large floods occurred and other years in which no storm as large as the base level occurred. The partial duration series is used for studying storms that have return periods of less than five years; longer return periods show little substantial difference.

Partial duration series analysis requires the data analyst to use foresight in selecting a base level of storm events for a predetermined number of data points.

The annual series consists of the largest annual value for each year, with only one value per year. Langbein⁹ has compared the results of the annual series to the partial duration series, as shown by the following conversion factors.

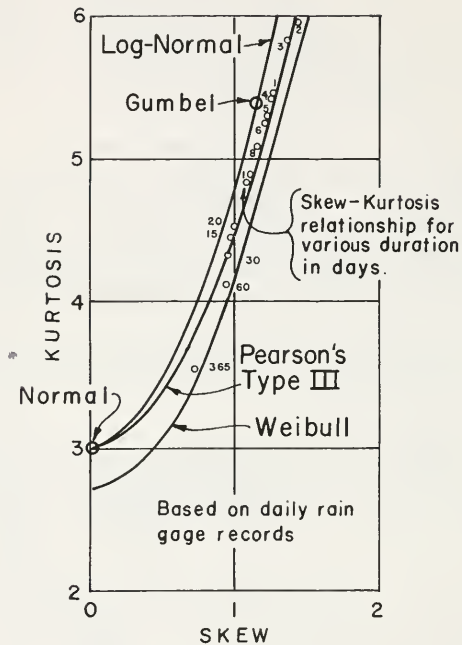
Return Period in Years						
Annual Series	0.5	1.0	2.0	5.0	10.0	100.0
Partial Duration Series	1.16	1.58	2.54	5.52	10.5	100.5

The annual series provides one great advantage over the partial duration series: ease of data file management. When the files of extreme data are updated, one year's record can be added to the data file for each year without regard to prior data files.

Depth-Duration-Frequency Tables

The depth-duration-frequency tables in this report have several parts. The first part with station number, station name, elevation, location, and county code is described in "Key to Station Descriptions" in this volume.

Figure 4.



SKEW-KURTOSIS RELATIONSHIP
WITH CRITERIA FOR THREE
FREQUENCY DISTRIBUTIONS

The second part of the tables is a matrix of columns of storm events ranging from 1 day to 60 days, including the annual total precipitation, and return periods ranging from 2 to 10,000 years, with a probable maximum precipitation (PMP) estimated as the mean plus 15 standard deviations.¹⁰ The calendar, fiscal, or water year total precipitation is coded as C YR, F YR, or W YR, or when unspecified, as 365 D.

The third part of the table contains the mean, which is the arithmetic average; the clock-hour correction,⁸ where used; the calculated skew; the regional skew; and the actual skew, which is used on the computations for the duration-return period matrix.

The fourth part of the table contains the kurtosis, which is the fourth moment function.¹¹ The number of data points used in the computations for each column is coded as N. The year in which the highest rainfall of record occurred is coded as Record Year. The highest precipitation for each duration is indicated in the row labeled Record Maximum. Normalized Max is the record maximum in units of standard deviations in excess of the mean for each duration. The calculated coefficient of variation is coded as Calc. Coef. of Var. The regional coefficient of variation is coded as Regn. Coef. Var. The coefficient of variation used in this report is coded as Used Coef. Var.

The fifth part of the table contains dimensionless ratios of precipitation for return periods of 10 to 10,000 years, expressed as percentages of the mean annual precipitation. These are coded as RP 10/A, etc. PMP is also expressed as PMP/A (probable maximum precipitation expressed as a fraction of the mean annual rainfall (A)), so that the mean annual precipitation can easily be used as an interstation interpolating device, as well as a means of comparing adjacent records for consistency.

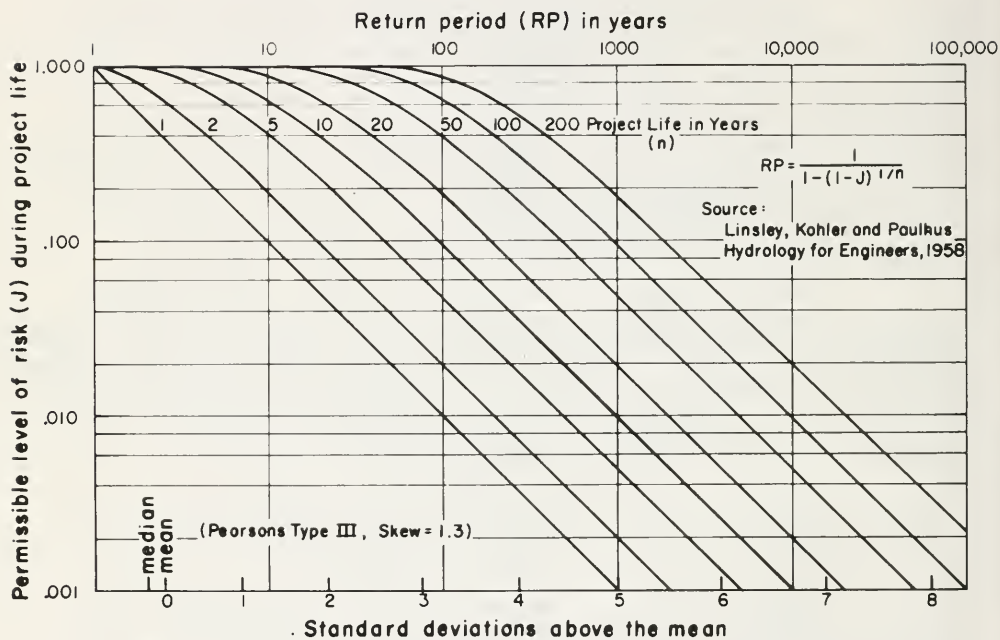
The data user is expected to be concerned mainly with the first two parts of the table. The remainder of each is printed in the interest of continued procedures development.

The last line of the depth-duration-frequency table states: "Where N is small, results are not dependable". In this application, "small" means records of 25 years or less. From sampling theory is derived the concept: errors are proportional to one over the square root of the sample size.

Safety Factors in Hydrology

Engineers are accustomed to using safety factors in the design of structures. In hydrology, safety factors have consisted of designing for "spillway design floods", "project design floods", "1,000-year storms", "probable maximum precipitation", and other bases for rationalizing the use of very rare storm

**Figure 5. RELATIONSHIP OF PERMISSIBLE
LEVEL OF RISK AND RETURN PERIOD**



events in design of flood protection structures. The fact that design storms are occasionally exceeded points out the need for an assessment of the risks of failure associated with selected return periods.

Frequency analysis defines the event which can be expected once every "Y" years, on the average. This does not imply that a "Y-year event" will occur regularly every "Y" years. Return periods, as well as flood magnitudes, are subject to analysis. For example, there is a two percent chance that a 50-year event will occur in any one year.

The 10,000-year event with a skew of 1.3 is defined as the mean plus 6.64 standard deviations, as shown on Table 2. The 10,000-year return periods based on 10 to 30 years of record will be considered to have low statistical reliability. However, their use in hydrologic studies has considerable utility and compensates for this disadvantage.

Since some hydraulic structures have design lives of 100 years and since a low level of risk, such as a one-in-a-hundred chance of failure, is desirable, the joint probabilities of the two events are calculated by multiplying, in this case, a one-in-a-hundred risk with a 100-year project life for a design return period of 10,000 years.

The permissible level of risk during the life of a project can be considered when a return period is selected. A project with a one-year useful life, for which a one percent chance of failure would constitute a permissible level of risk, would be designed for a return period of 100 years.

The relationship of permissible level of risk and return period is shown on Figure 5 for a broad range of project lives and return periods. The graph was prepared from a probability formula in *Hydrology for Engineers* (Linsley, Kohler, and Paulhus, 1958).¹² It indicates that there is a 10 percent chance of a once-in-460-year event occurring in the next 50 years. Permissible risk is discussed in a paper by Ben Chie Yen.¹³

Meteorological models of the precipitation mechanism have been based on three physical limitations:

- Moisture in the air over a basin
- Moisture carried into a basin by winds
- The fraction of the inflowing moisture that will precipitate

These variables, although difficult to measure directly, are commonly estimated for orographic and convective storm types. Models of the precipitation mechanism are frequently calibrated

by historical precipitation data. A good discussion of probable maximum precipitation was prepared in 1967 by Vance Myers of the U. S. Weather Bureau.¹⁴

Statistical models represent a direct approach to estimating PMP with a minimum amount of assumption. A comparison of these two approaches to PMP computing was made by Hershfield,¹⁰ who used the mean plus 15 standard deviations to estimate probable maximum precipitation. The value of 15 standard deviations was an upper enveloping value for extreme storms of record. The use of a given level of risk or a given number of standard deviations above the mean can be a management decision, when a relatively stable method of computing the means, standard deviations, and skew coefficients is available.

INTERSTATION INTERPOLATION

Development of a procedure to estimate extreme annual precipitation for various frequencies anywhere in California is an objective of this study. The approach used here is to plot maps of a dimensionless fraction of the mean annual precipitation that would occur with various return periods. Plates 4 through 10 show the extreme annual 24-hour precipitation for return periods of 10, 25, 50, 100, and 1,000 years, and the probable maximum precipitation. These maps are expressed in fractions of the mean annual precipitation. The mean annual precipitation map¹⁵ (Plate 3) is used for interpolation between stations.

Coefficient of Variation

The coefficient of variation (CV) is the standard deviation divided by the mean. It is used here to express the variation from the mean of extreme annual rainfall. CV is plotted as a continuous surface on Plate 11 and is also shown as averages for specific areas on Figure 2. These regional averages were used to develop the depth-duration-frequency tables in this report. The values of Figure 2 were visualized as a second generation estimate of CV, whereas the averages of Plate 11 are visualized as third generation values for use in a future computer-generated analysis of CV. The use of the values on Plate 11 should overcome the abrupt discontinuities evident in the adjacent zones of Figure 2.

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KEY TO STATION DESCRIPTIONS

Drainage Basin - Each of the 12 major drainage provinces is given a letter code and the hydrographic units within each are designated by a number code. These are shown on Plate 1.

Alpha Order Number - The alpha order numbers were originally assigned to each station to denote its alphabetic sequence. They are the same numbers used by the National Weather Service in the late 1950s. Alpha-numeric sequence numbers are now assigned by referring to the latest alpha listing of the historic weather station name list.

Subnumber - These numbers supplement the four-digit alpha order number and are used to maintain an alphabetical sequence of station names beyond the capability of the system used by the National Weather Service.

Station Name - When no obvious station name exists, a name must sometimes be devised for a weather station. Frequently this is the name of the nearest post office, followed by the distance and direction in miles and 16 compass points. For example, Canby 11 SW denotes a station located 11 miles southwest of the post office at Canby. When two observers are situated at a single location, the town name is sometimes followed by the name of the observer's location. An example of this: Stonyford Cooley Ranch, where Stonyford is the place name and Cooley Ranch is the observer's site. When two precipitation gages are situated at one site, one can be identified also with a number, such as Folsom No. 2.

The responsibility for selecting the station name rests with the agency or individual who establishes the station.

The space for station names is restricted by the computer to 25 columns; therefore, some abbreviations are necessary.

Some common ones are:

- AP - Airport
- PH - Power House
- STA - Station
- HMS - Highway Maintenance Station
- FS - Fire Station
- RS - Ranger Station

Elevation - The elevation of the ground surface at the gage is expressed to the nearest foot above mean sea level (USGS datum). The elevation is generally obtained by interpolation between the contours of USGS topographic maps.

Section, Township, and Range - The section, township, and range are based on the U. S. Public Land Survey, in which 6-mile-square townships are divided into 36 sections; these are further subdivided into 16 quarter-mile-square lots that contain roughly 40 acres. The township, range, and section used here are identical to those shown on the maps of the U. S. Geological Survey, with the official Department extension of the sectioning into unsurveyed areas.

40-Acre Tract - A letter code identifies the position of each tract within a section. The letters "I" and "O" have been omitted to avoid confusion with the numbers "1" and "0".

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

40-Acre
Tract

Base and Meridian - The code for this column is:

G - Gila and Salt River Base and Meridian
H - Humboldt Base and Meridian
M - Mount Diablo Base and Meridian
S - San Bernardino Base and Meridian
W - Willamette Base and Meridian

Latitude and Longitude - Latitude and longitude are given to the nearest second, when the value is known. The National Weather Service lists its stations by degree and minute only. A zero value or a blank space for seconds in these columns generally means that latitude and longitude have been obtained from the Weather Service and have not been verified in the field by personnel of the Department of Water Resources.

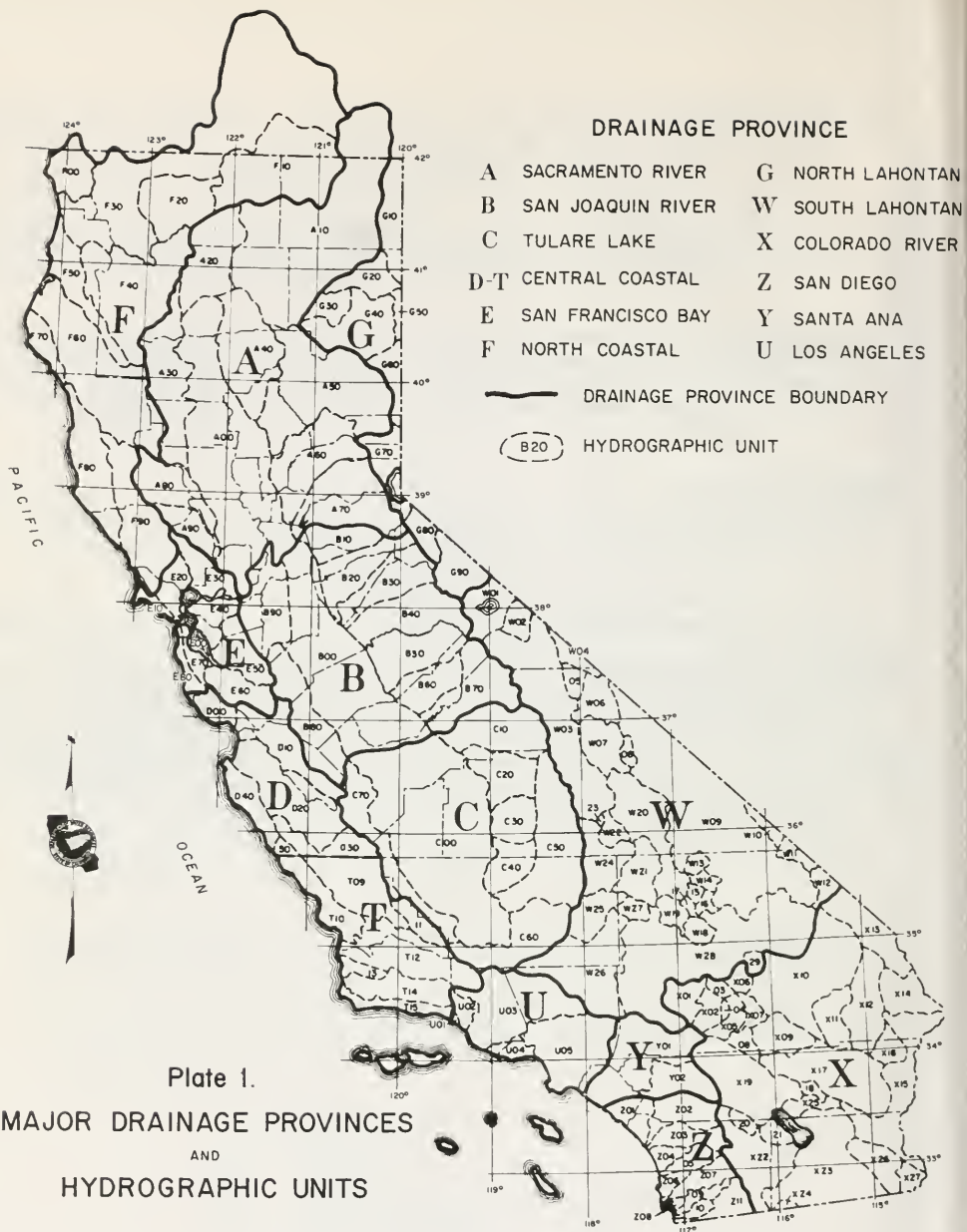


Plate 2 Sheet 1 of 3
Location of
DAILY PRECIPITATION GAGES



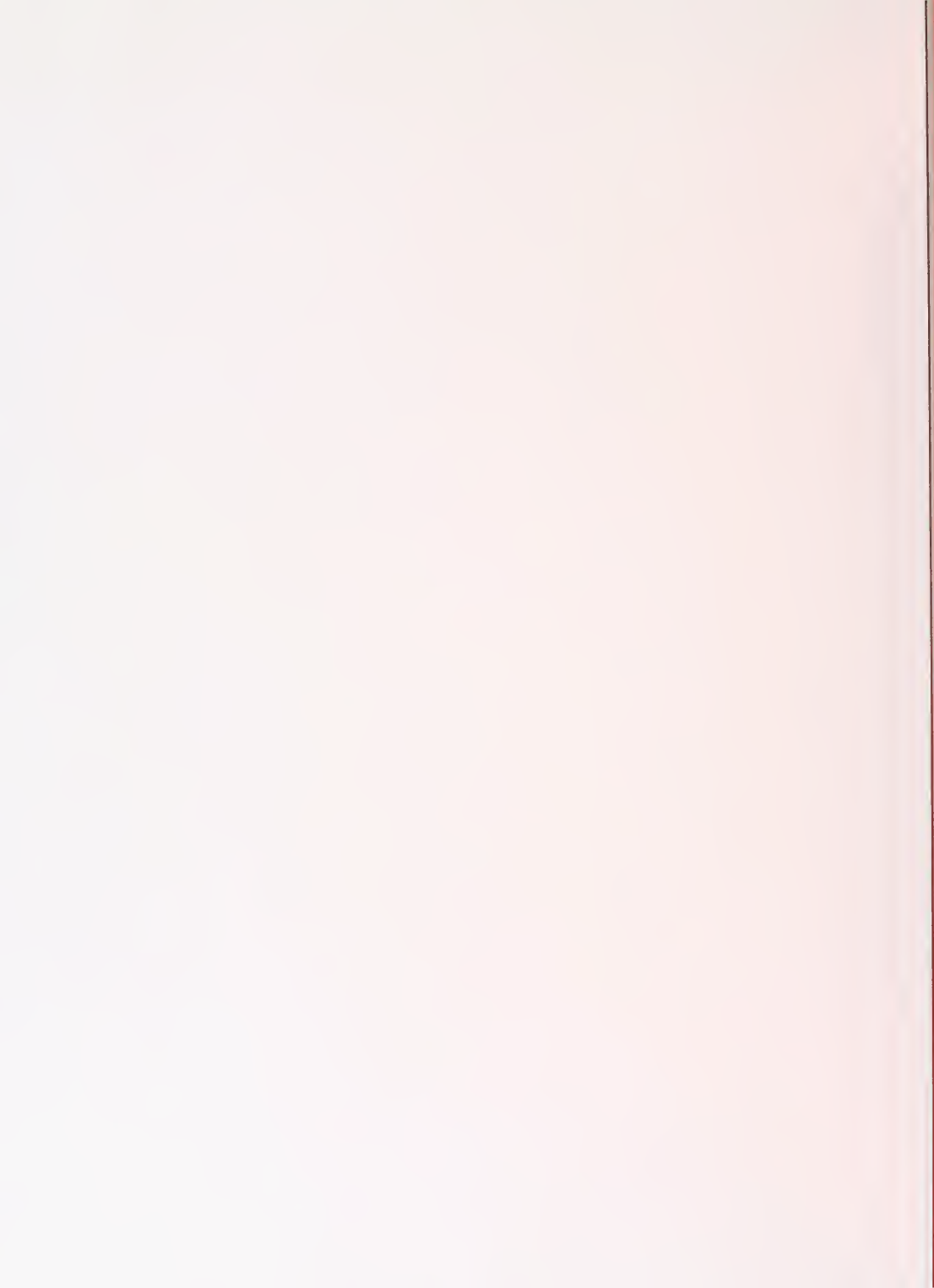


Plate 2 Sheet 1 of 3
Location of
DAILY PRECIPITATION GAGES

See Plate 2 Sheet 2 of 3
for complete coverage

See Plate 2 Sheet 3 of 3
for complete coverage

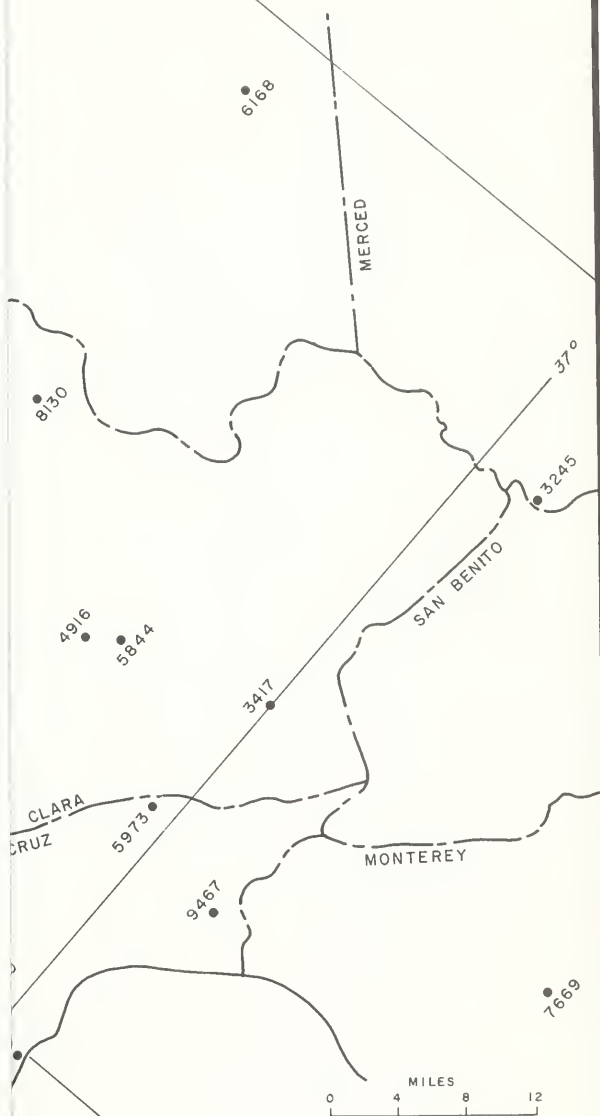
— LEGEND —
• PRECIPITATION STATION LOCATION
— STATION NUMBER —

June 1976

www.elsevier.com/locate/jmb

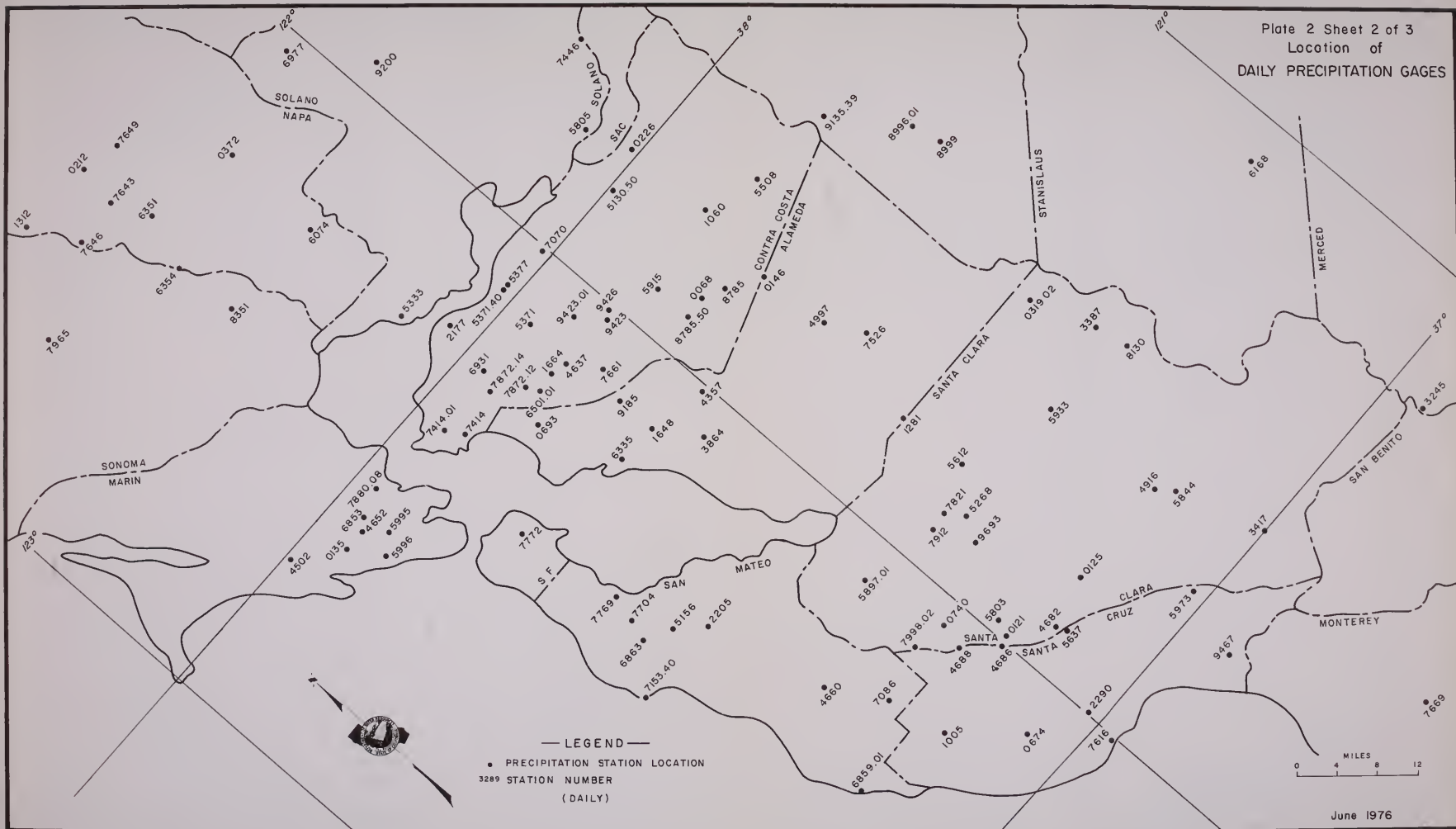
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Plate 2 Sheet 2 of 3
Location of
DAILY PRECIPITATION GAGES



June 1976

Plate 2 Sheet 2 of 3
Location of
DAILY PRECIPITATION GAGES



June 1976



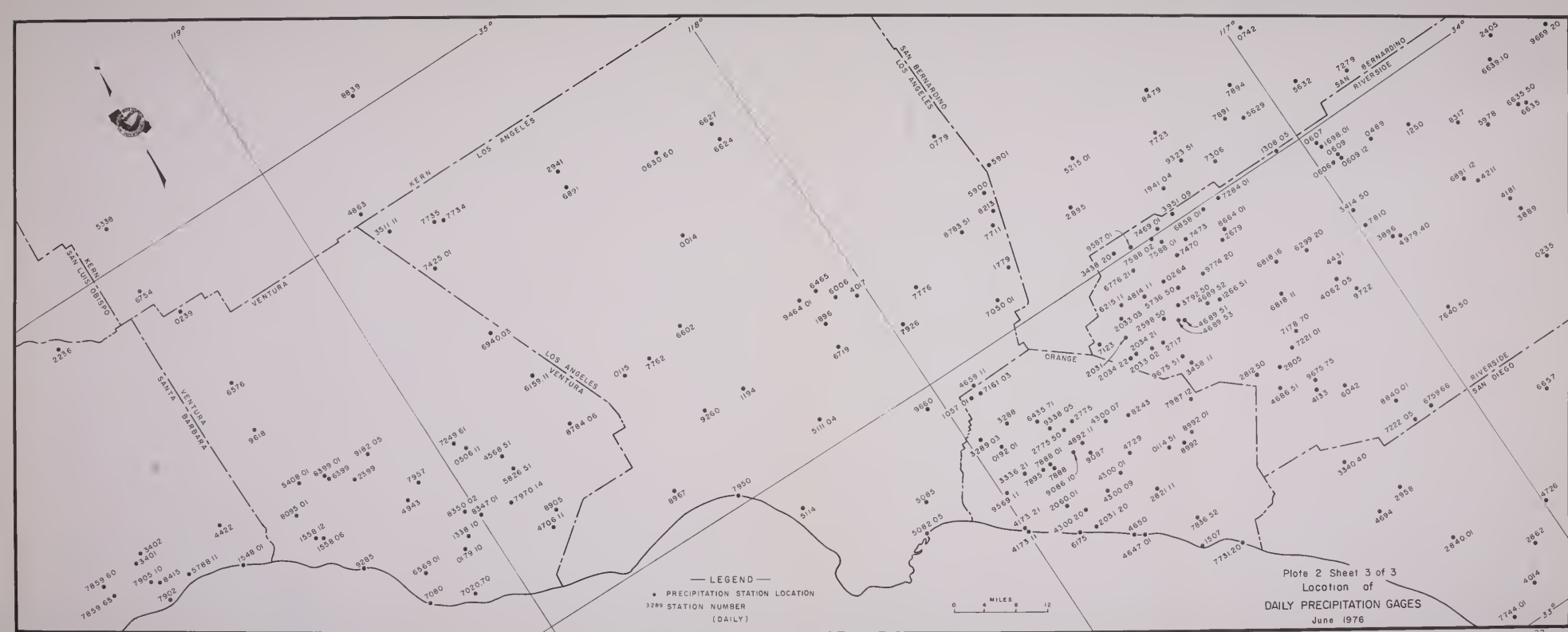
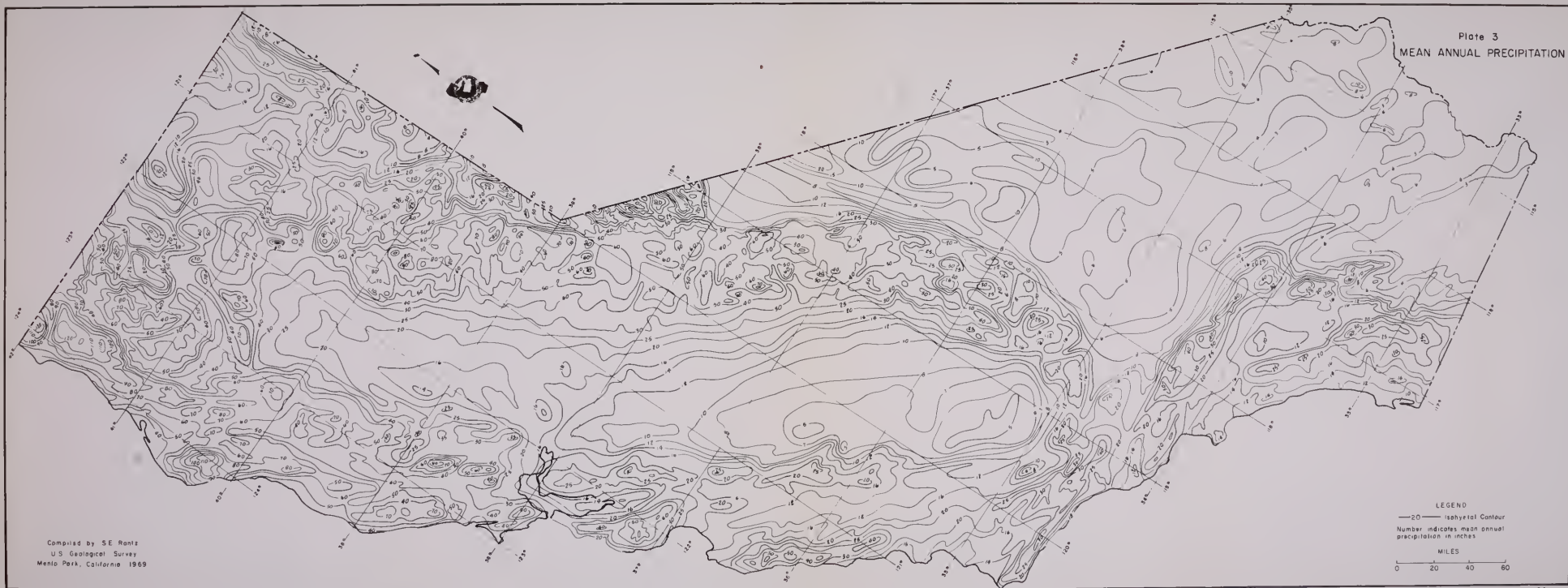






Plate 3
MEAN ANNUAL PRECIPITATION



Compiled by SE Raniz
U.S. Geological Survey
Menlo Park, California 1969

LEGEND
—20— Isohyetal Contour
Number indicates mean annual
precipitation in inches
MILES
0 20 40 60



Plate 4

MEAN 24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

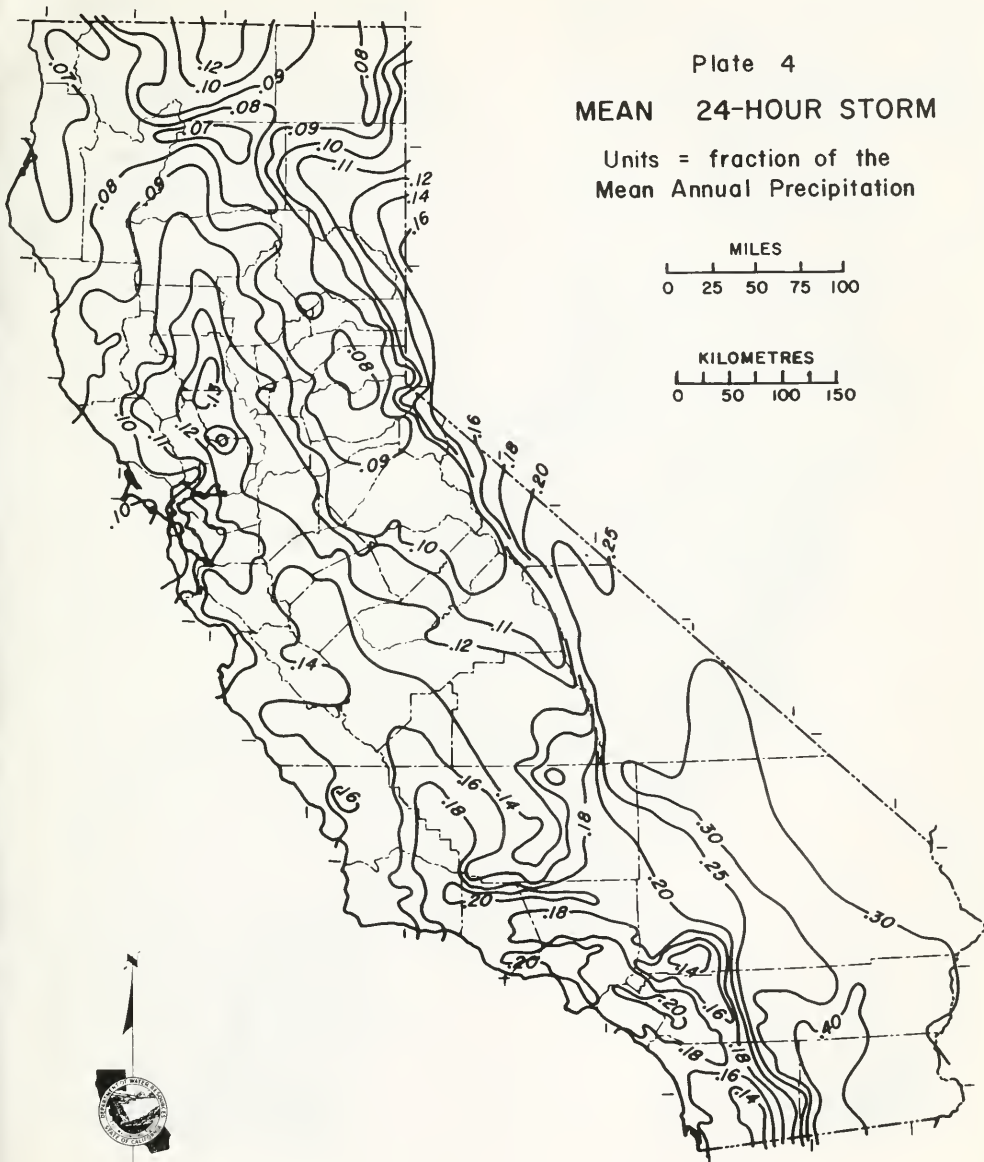
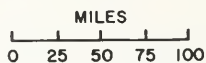


Plate 5
10-YEAR, 24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

MILES
0 25 50 75 100

KILOMETRES
0 50 100 150

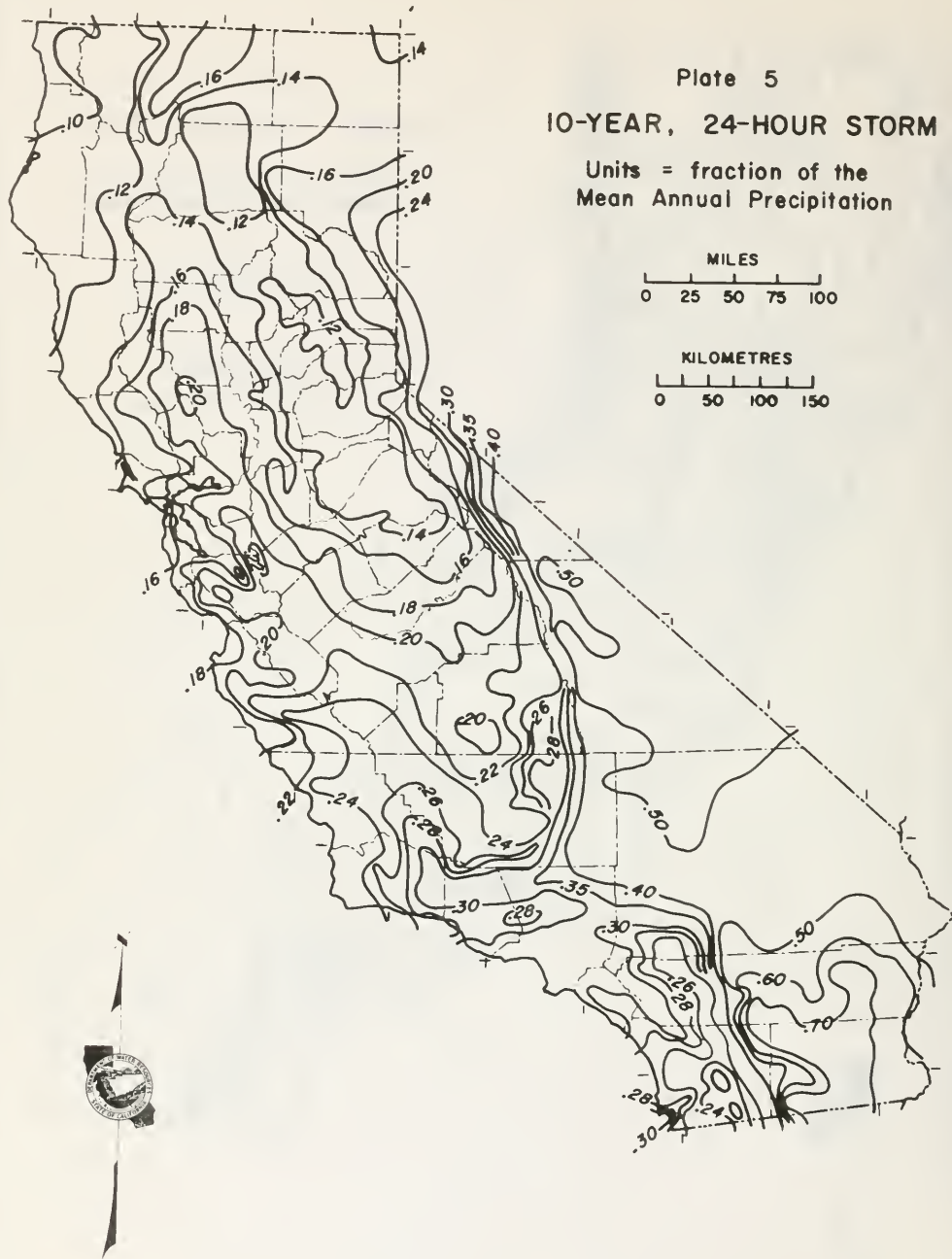


Plate 6
25-YEAR, 24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

MILES
0 25 50 75 100

KILOMETRES
0 50 100 150

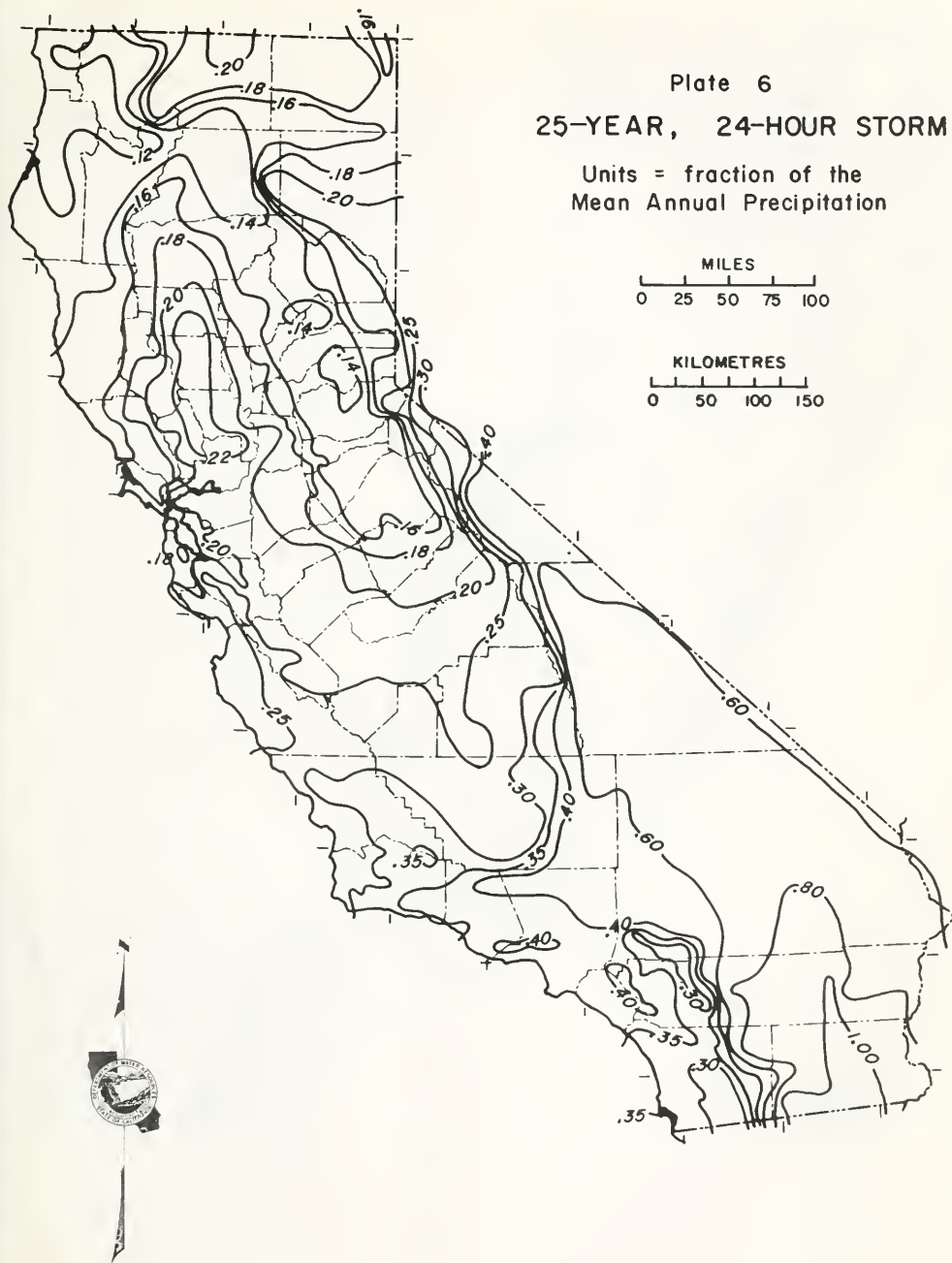


Plate 7

50-YEAR, 24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

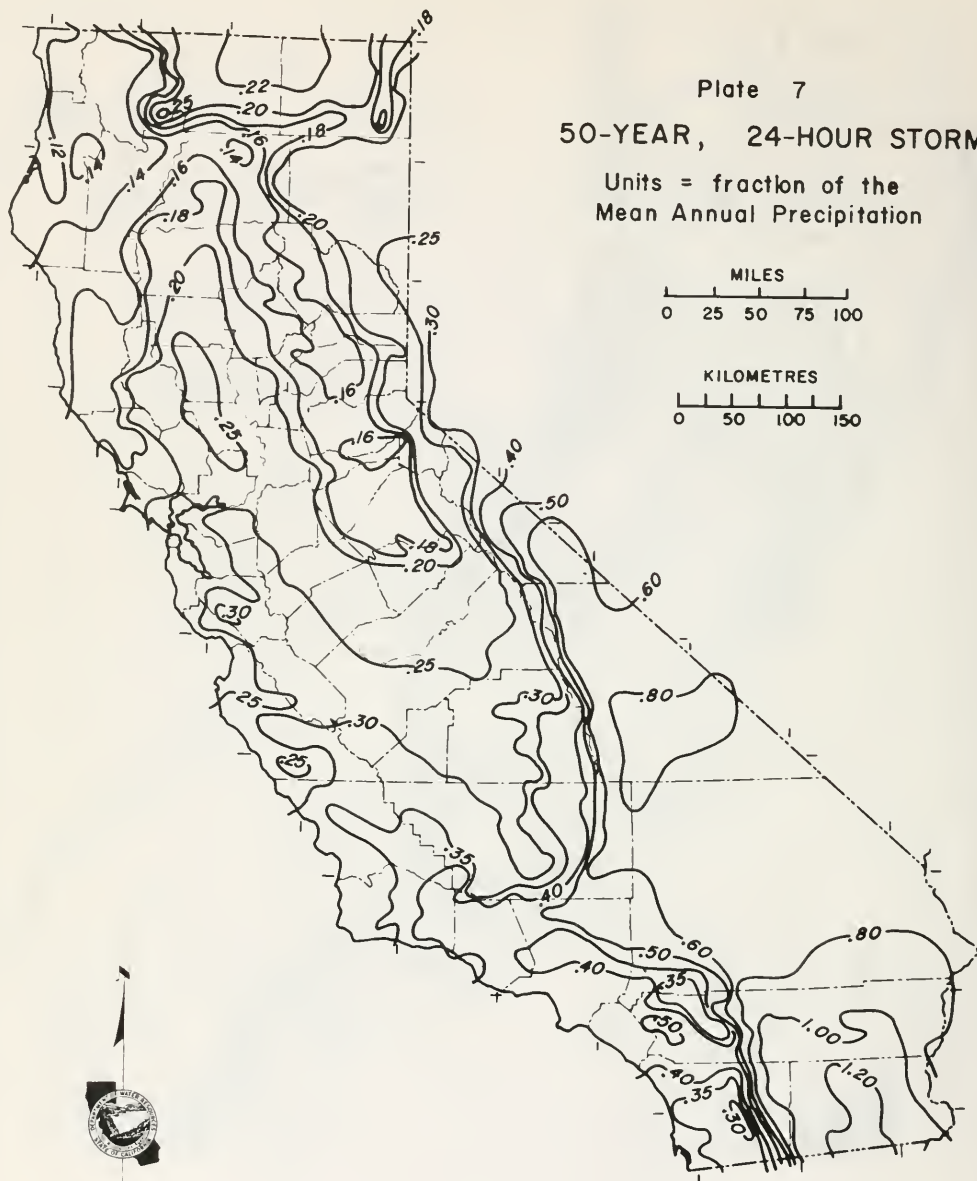
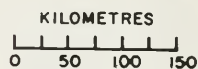
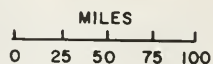


Plate 8
100-YEAR, 24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

MILES
0 25 50 75 100

KILOMETRES
0 50 100 150

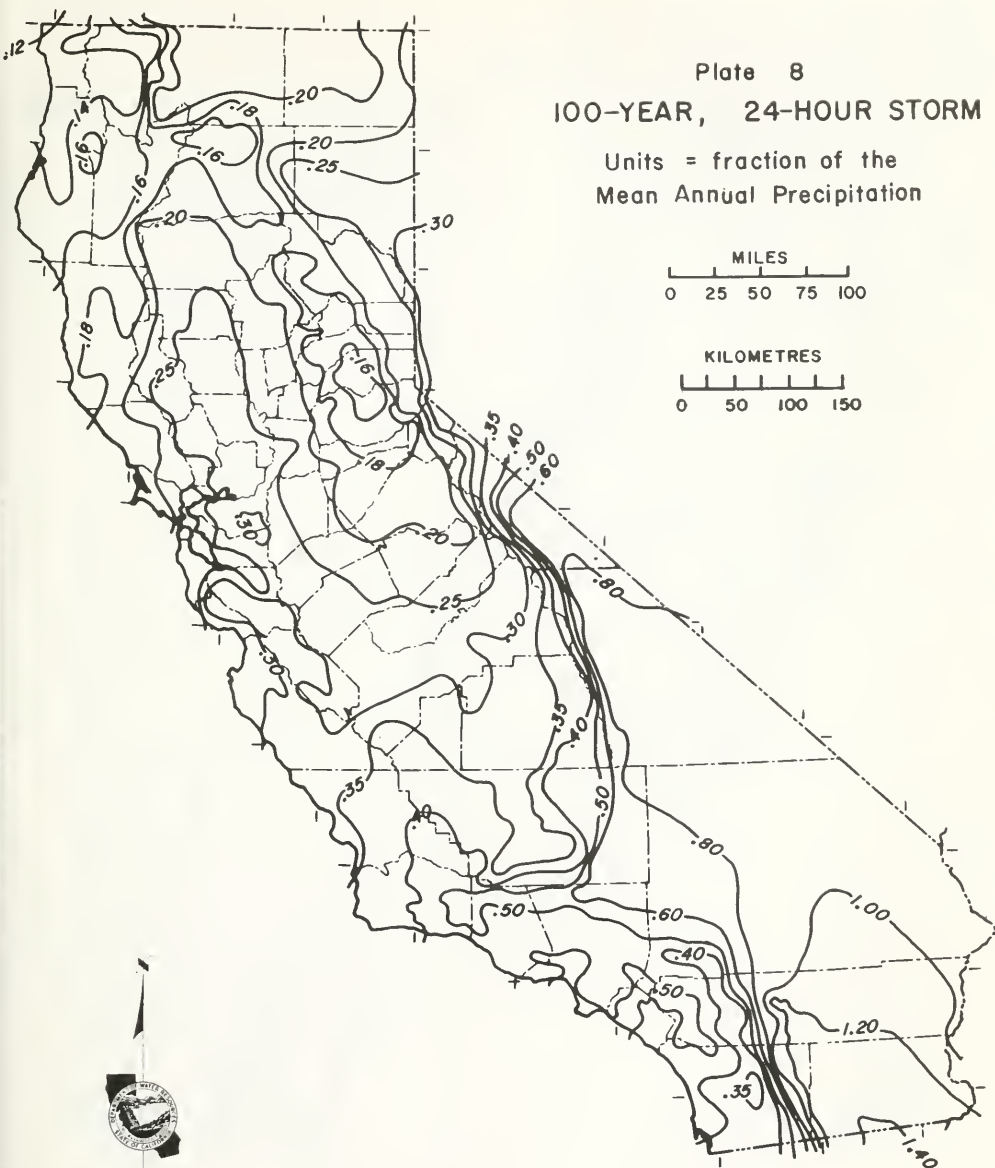


Plate 9
1000-YEAR, 24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

MILES
0 25 50 75 100

KILOMETRES
0 50 100 150

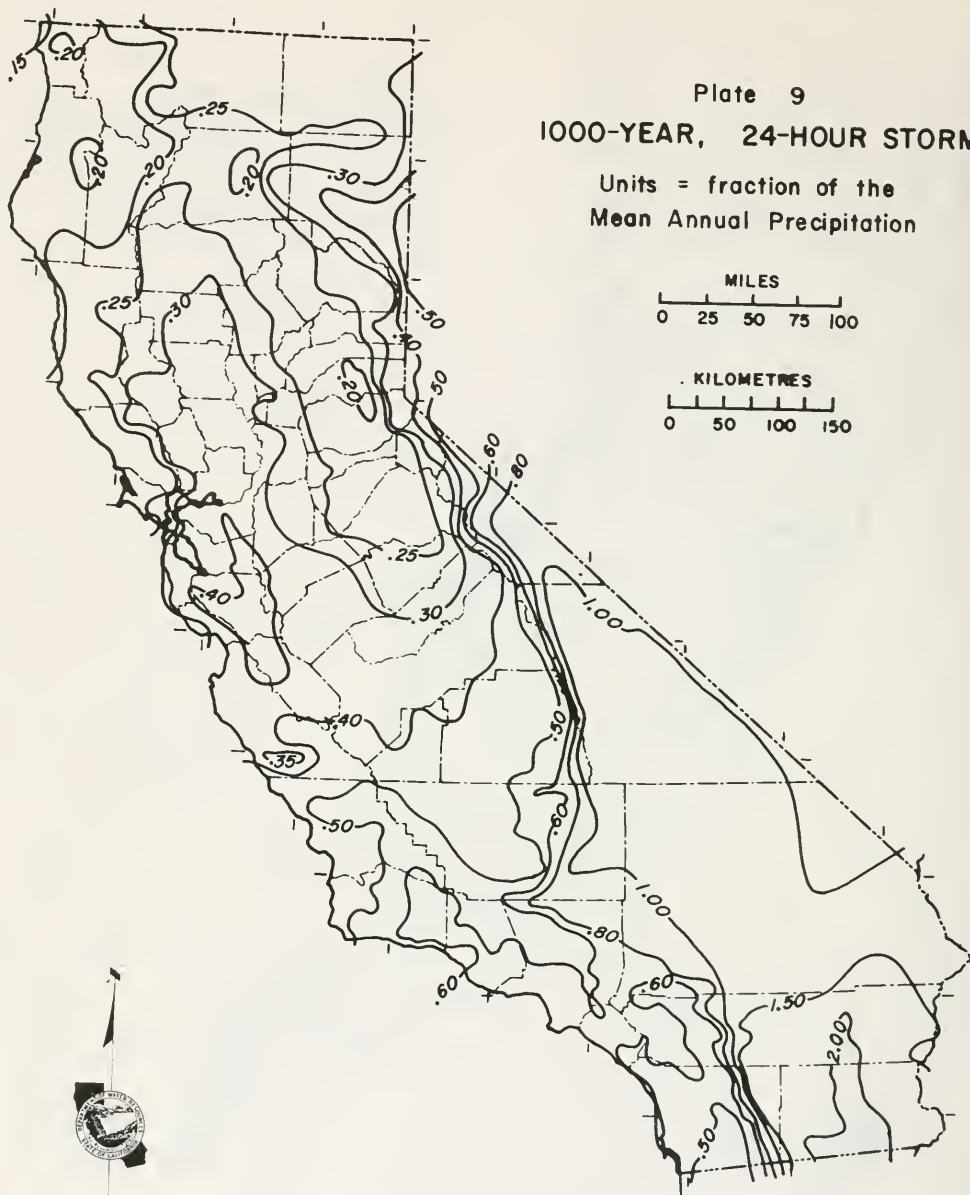


Plate 10
PROBABLE MAXIMUM PRECIPITATION,
24-HOUR STORM

Units = fraction of the
Mean Annual Precipitation

MILES
0 25 50 75 100

KILOMETRES
0 50 100 150

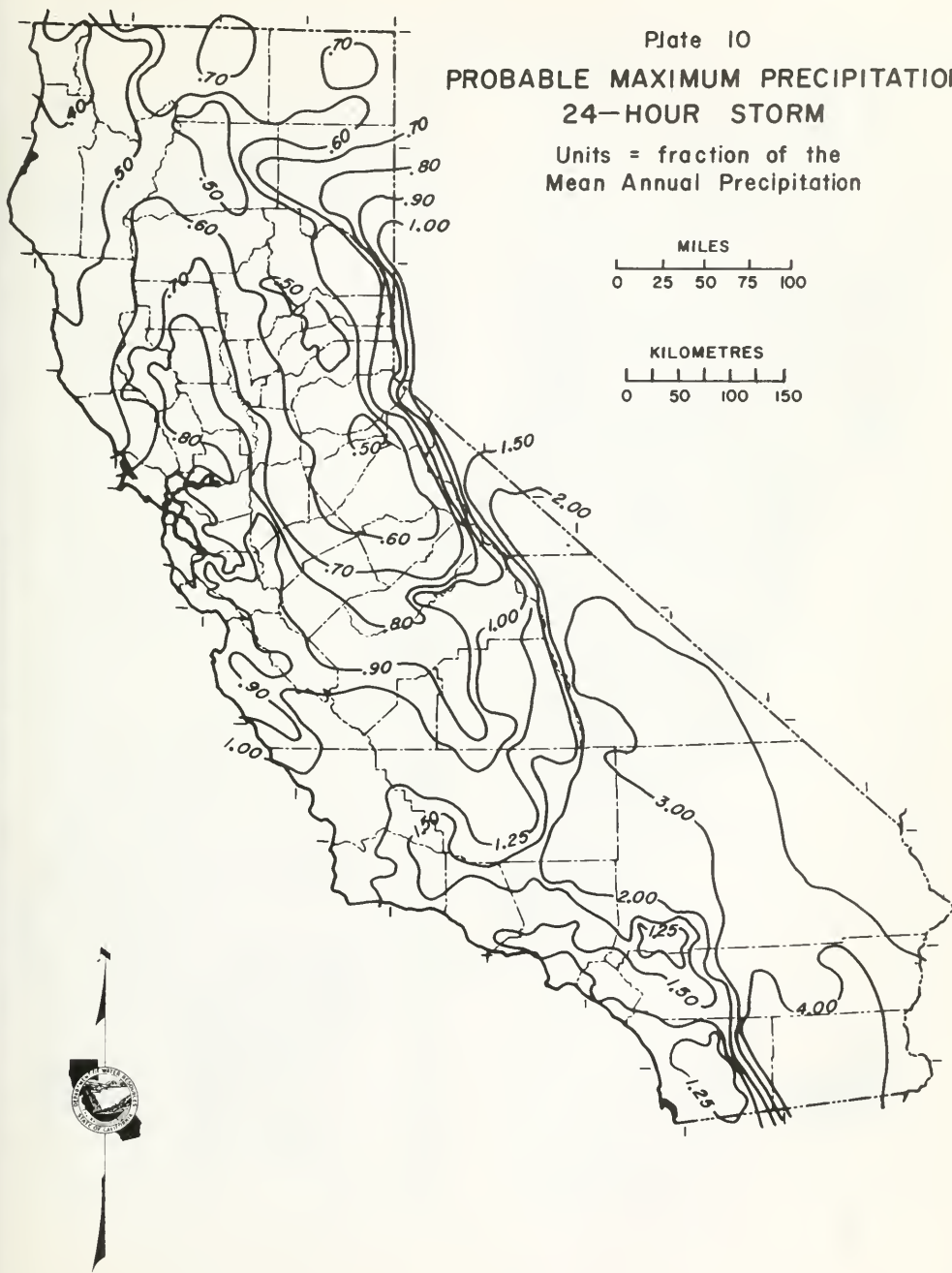
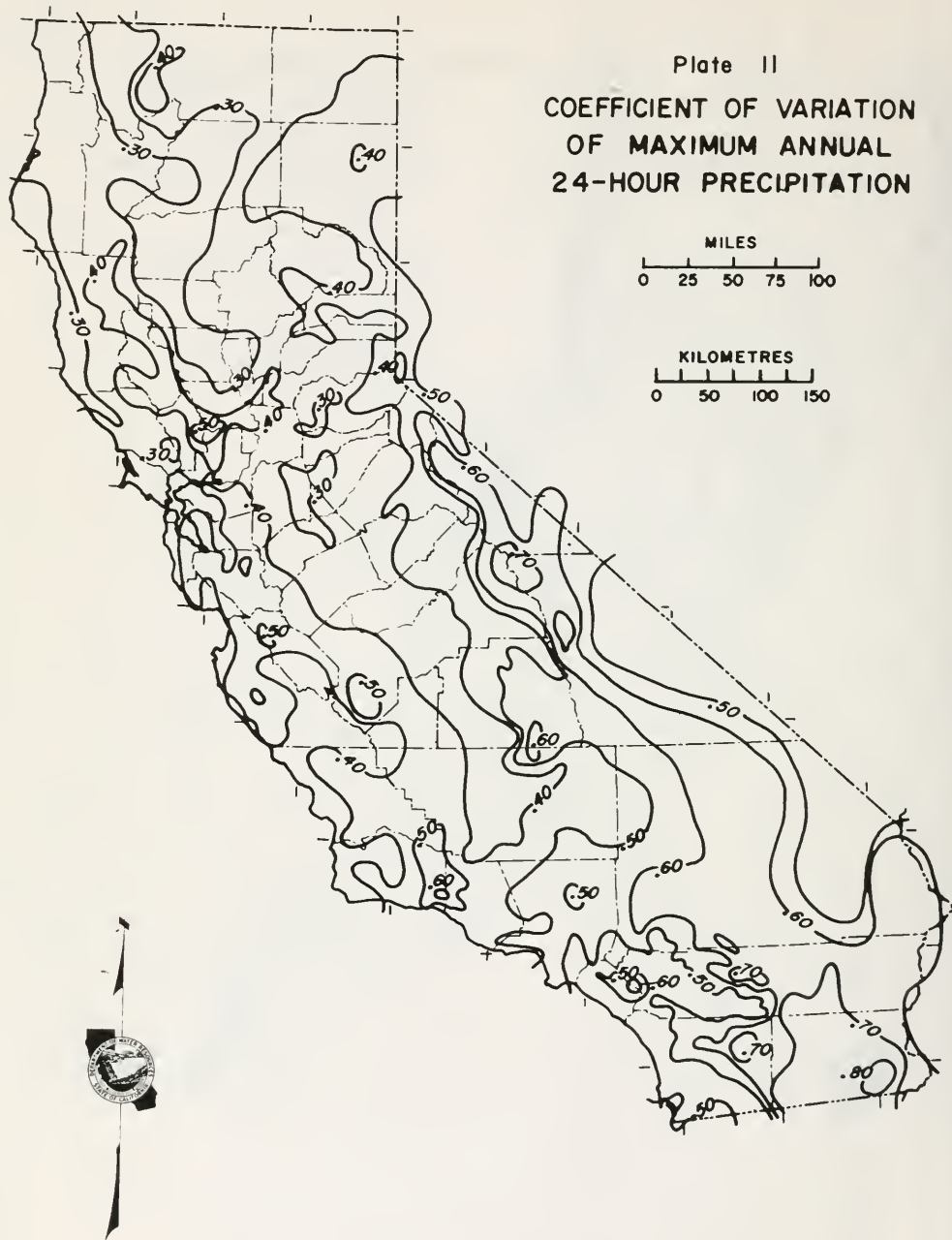


Plate II
 COEFFICIENT OF VARIATION
 OF MAXIMUM ANNUAL
 24-HOUR PRECIPITATION

MILES
 0 25 50 75 100

KILOMETRES
 0 50 100 150



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TABLES OF
LONG-DURATION PRECIPITATION FREQUENCY DATA

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A00 568 0	STATION NAME BEAR RIVER HEAD DAM	ELEV 1940	SEC 22	TWP 15N	RNG LOT 09E 0 N	BM N	LATITUDE 39-134	LONGITUDE 120-963	COUNTY CODE 31				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.04	5.59	6.74	7.44	8.26	8.93	9.93	11.09	13.23	14.45	16.94	25.92	49.43
5	5.42	7.69	9.24	10.17	11.21	12.08	13.44	14.95	17.71	19.50	22.85	35.17	69.88
10	6.32	9.08	10.89	11.92	13.11	14.04	15.62	17.30	20.35	22.59	26.39	40.72	72.07
20	7.15	10.40	12.42	13.55	14.87	15.86	17.60	19.43	22.69	25.37	29.57	45.68	79.17
25	7.40	10.81	12.90	14.06	15.42	16.43	18.22	20.08	23.39	26.23	30.53	47.19	81.30
40	7.53	11.67	13.70	14.31	15.67	17.50	19.47	21.41	24.83	27.97	32.50	50.27	85.58
50	8.18	12.07	14.36	15.99	17.08	18.12	20.05	22.02	25.49	28.77	33.40	51.69	87.54
100	8.93	13.30	15.77	17.07	18.68	19.76	21.80	23.87	27.46	31.20	36.13	55.95	93.33
200	9.67	14.50	17.16	18.51	20.24	21.34	23.50	25.06	29.34	33.54	38.73	60.03	98.79
1000	1.31	17.22	20.27	21.75	23.74	24.88	27.27	29.60	33.45	38.70	44.46	68.99	110.53
2000	13.58	21.01	24.59	26.20	28.56	29.72	32.40	34.91	38.89	45.66	52.12	80.98	125.77
PMP	26.79	39.83	47.80	52.19	56.67	60.44	67.84	75.08	88.49	98.30	115.62	180.35	296.05

MEAN	4.307	6.668	7.264	7.969	8.834	9.449	10.501	11.649	13.730	15.141	17.693	27.099	50.521
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.928	1.905	1.463	1.258	1.056	.932	.754	.596	.081	.613	.510	.305	.158
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	9.299	9.338	6.663	4.954	4.253	3.727	2.876	2.734	2.045	3.447	2.811	2.343	2.018
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1963	1963	1963	1963	1963	1963	1956	1956	1956	1965	1951	1956	1952
RECORD MAXIMUM	8.450	13.400	16.030	17.470	18.930	18.930	19.070	21.430	22.440	10.250	31.700	46.560	72.020
NORMALIZED MAX	3.074	3.501	3.293	2.990	2.703	2.509	2.900	2.266	1.853	2.768	2.168	2.140	1.434
CALC. COEF. VAR	.313	.349	.366	.399	.397	.397	.389	.374	.341	.360	.362	.336	.260
REGION. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.0853	.1201	.1438	.1577	.1749	.1878	.2079	.2306	.2718	.3005	.3502	.5364	1.0000
RP10/A	.1250	.1798	.2155	.2380	.2595	.2789	.3092	.3424	.4028	.4471	.5225	.8059	1.4286
RP25/A	.1445	.2143	.2554	.2793	.3053	.3252	.3674	.4031	.4831	.5103	.6043	.9341	1.4092
RP50/A	.1619	.2389	.2842	.3086	.3380	.3586	.4099	.4359	.5045	.5495	.6612	1.0231	1.7327
RP100/A	.1768	.2632	.3122	.3379	.3697	.3911	.4316	.4726	.5436	.6176	.7151	1.1074	1.8474
RP1000/A	.2239	.3409	.4013	.4305	.4699	.4925	.5398	.5859	.6820	.7880	.8801	1.3656	2.1878
RP10000/A	.2868	.4159	.4868	.5187	.5653	.5884	.6413	.6991	.7697	.9039	1.0317	1.4029	2.4894
PMP/A	.5303	.7855	.9461	1.0331	1.1217	1.1964	1.3427	1.4681	1.7515	1.9457	2.2886	3.5697	5.6800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A00 1715 0	STATION NAME CHICO EXP STA		ELEV 265	SEC 05	TWP 21N	RNG LOT 02E	BM H	LATITUDE 39-700	LONGITUDE 122-783	COUNTY CODE 04			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.43	3.12	3.54	3.76	4.07	4.31	4.80	5.36	6.36	7.23	9.08	13.21	25.29
5	3.26	4.28	4.85	5.14	5.52	5.82	6.49	7.23	8.52	9.76	12.24	17.92	32.68
10	3.79	5.06	5.71	6.03	6.46	6.77	7.54	8.36	9.79	11.31	14.14	20.75	38.87
20	4.29	5.79	6.52	6.85	7.33	7.65	8.50	9.39	10.91	12.70	15.84	23.28	40.50
40	4.45	6.02	6.77	7.11	7.60	7.92	8.80	9.71	11.25	13.13	16.36	24.05	41.59
60	4.52	6.50	7.29	7.73	8.23	8.49	9.40	10.35	11.94	14.00	17.41	25.62	43.78
100	4.91	6.72	7.54	7.88	8.41	8.74	9.69	10.65	12.26	14.40	17.90	26.34	44.78
200	5.37	7.41	8.28	8.63	9.20	9.53	10.53	11.54	13.21	15.62	19.36	28.51	47.74
400	5.81	8.08	9.00	9.35	9.97	10.29	11.35	12.40	14.11	16.79	20.76	30.59	50.54
1000	6.80	9.59	10.46	10.99	11.69	12.00	13.17	14.31	16.08	19.37	23.63	35.16	56.54
2000	8.16	11.71	12.90	13.24	14.07	14.34	15.65	16.88	18.70	22.86	27.93	41.27	64.33
PMP	10.09	22.19	25.08	26.38	27.92	29.16	32.77	36.30	42.55	49.21	61.96	91.90	151.44

MEAN	2.587	3.360	3.812	4.027	4.352	4.577	5.073	5.632	6.602	7.600	9.481	13.810	25.443
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.079	1.869	2.360	2.399	2.325	2.287	.598	.807	.327	.327	.327	.327	.410
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.243	7.542	9.941	10.452	9.413	7.517	5.452	3.241	2.679	2.572	3.255	3.195	1.900
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	3.709	6.980	8.280	9.380	9.380	9.380	9.380	9.380	10.310	11.780	14.790	22.120	37.370
NORMALIZED MAX	1.740	2.614	3.316	3.493	3.464	3.225	2.980	2.318	1.956	2.072	2.400	2.207	1.589
CALC. COEF. VAR	.292	.378	.409	.380	.334	.325	.285	.287	.287	.265	.262	.273	.281
REGION. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1001	1.188	1.475	1.858	1.884	1.771	1.943	2.179	2.555	2.941	3.669	5.344	1.0000
RP10/A	.1448	1.956	2.211	2.331	2.499	2.621	2.919	3.236	3.787	4.375	5.473	8.029	1.4266
RP25/A	.1721	.2331	.2620	.2749	.2940	.3067	.3405	.3756	.4353	.5080	.6331	.9035	1.6092
RP50/A	.1902	.2602	.2916	.3049	.3256	.3383	.3744	.4120	.4743	.5574	.6927	1.0192	1.7327
RP100/A	.2077	.2866	.3203	.3349	.3561	.3688	.4076	.4466	.5110	.6006	.7519	1.1062	1.7474
RP1000/A	.2713	.3713	.4117	.4253	.4458	.4598	.5037	.5423	.6223	.7407	.9129	1.3602	2.1878
RP10000/A	.3156	.4530	.4994	.5124	.5444	.5549	.6056	.6531	.7235	.8846	1.0808	1.5968	2.4894
PMP/A	.6227	.8587	.9705	1.0207	1.0803	1.1283	1.2680	1.4045	1.6465	1.9042	2.3975	3.5562	5.6800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE		LONGITUDE		COUNTY	CODE	
400 1773 0	CITRUS HEIGHTS	27	138	23	10N	06E	M	M	38.708	121.266	34		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.24	2.88	3.17	3.58	4.05	4.35	5.00	5.52	6.33	6.98	8.32	11.88	22.25
5	3.01	3.96	4.35	4.89	5.49	5.87	6.76	7.44	8.48	9.42	11.22	16.12	28.75
10	3.51	4.68	5.13	5.74	6.42	6.84	7.85	8.61	9.74	10.91	12.97	18.66	32.44
20	3.97	5.36	5.85	6.52	7.29	7.72	8.85	9.67	10.86	12.25	14.52	20.94	35.64
25	4.11	5.57	6.08	6.77	7.56	8.00	9.16	10.00	11.20	12.67	15.00	21.63	38.59
40	4.18	6.01	6.55	6.89	7.69	8.56	9.79	10.66	11.88	13.51	15.96	23.04	38.52
50	4.54	6.22	6.77	7.50	8.37	8.83	10.08	10.97	12.20	13.90	16.41	23.69	39.40
100	4.84	6.82	7.43	8.22	9.12	9.62	10.86	11.89	13.14	15.07	17.75	25.64	42.01
200	5.36	7.47	8.08	8.91	9.92	10.39	11.82	12.77	14.04	15.93	19.03	27.51	44.47
1000	6.28	8.07	9.55	10.47	11.63	12.12	13.71	14.74	16.01	18.49	21.84	31.62	49.75
10000	7.53	10.83	11.59	12.61	13.99	14.47	16.29	17.38	18.61	22.05	25.60	37.12	56.61
PMP	14.87	20.53	22.52	25.12	27.77	29.43	34.11	37.38	42.35	47.48	56.80	82.66	131.25
MEAN	2.390	3.127	3.422	3.835	4.329	4.620	5.280	5.800	6.571	7.332	8.691	12.420	22.739
CLOCK HR. COR.	1.140	1.270	1.040	1.053	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.569	2.185	2.118	1.172	1.034	0.893	0.23	-0.136	-0.230	-0.230	-0.230	-0.230	-0.230
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	11.581	9.377	9.230	6.497	4.410	3.800	2.428	2.006	1.827	2.198	2.110	3.084	1.897
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1962	1965	1956	1969	1958	1958
RECORD MAXIMUM	5.510	7.600	8.630	8.940	9.060	9.060	9.060	9.220	9.670	11.150	13.640	20.570	32.950
NORMALIZED MAX	3.043	3.195	3.349	3.123	2.805	2.626	2.086	1.726	1.373	1.647	1.819	2.202	1.551
CALC. COEF. VAR	.429	.448	.454	.426	.390	.366	.343	.341	.344	.316	.313	.298	.290
REGN. COEF. VAR	.368	.371	.372	.370	.361	.358	.363	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.368	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1051	.1375	.1505	.1687	.1904	.2032	.2322	.2551	.2890	.3224	.3822	.5462	1.0000
RP10/A	.1542	.2058	.2255	.2523	.2825	.3007	.3454	.3788	.4283	.4797	.5762	.8207	1.4266
RP25/A	.1807	.2450	.2674	.2976	.3324	.3518	.4028	.4396	.4924	.5570	.6596	.9512	1.6092
RP50/A	.1997	.2735	.2975	.3300	.3680	.3881	.4434	.4822	.5364	.6111	.7216	1.0419	1.7327
RP100/A	.2166	.3113	.3368	.3722	.4075	.4231	.4892	.5268	.5786	.6657	.7784	1.1277	1.8474
RP1000/A	.2761	.3903	.4200	.4603	.5116	.5528	.6031	.6481	.7039	.8220	.9605	1.3505	2.1878
RP10000/A	.3314	.4762	.5095	.5546	.6154	.6365	.7165	.7645	.8184	.9699	1.1260	1.6322	2.4894
PMP/A	.6538	.9027	.9902	1.1047	1.2213	1.2943	1.5001	1.6440	1.8624	2.0878	2.4978	3.6350	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE		LONGITUDE		COUNTY	CODE
400 1907 0	COLMAN FISH HATCHERY				420	01	29N 03W	M	40+400		122+133		45
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.17	2.87	3.13	3.45	3.70	4.05	4.77	5.20	6.20	7.07	8.99	13.03	26.02
5	2.91	3.94	4.30	4.71	5.02	5.46	6.45	7.01	8.30	9.54	12.14	17.68	33.63
10	3.39	4.46	5.06	5.52	5.87	6.36	7.50	8.12	9.53	11.05	14.02	20.47	37.94
20	3.84	5.34	5.78	6.28	6.66	7.19	8.45	9.11	10.63	12.41	15.70	22.96	41.68
25	3.98	5.55	6.00	6.51	6.90	7.44	8.75	9.42	10.96	12.83	16.21	23.72	42.80
40	4.04	5.99	6.46	6.63	7.02	7.96	9.35	10.04	11.63	13.68	17.26	25.27	45.05
50	4.39	6.19	6.68	7.22	7.64	8.21	9.63	10.33	11.94	14.07	17.14	25.99	46.08
100	4.80	6.82	7.34	7.91	8.36	8.95	10.47	11.20	12.86	15.26	19.19	28.13	49.13
200	5.19	7.44	7.98	8.57	9.06	9.67	11.29	12.04	13.74	16.40	20.57	30.18	52.01
1000	6.08	8.84	9.43	10.07	10.52	11.27	13.10	13.68	15.67	18.93	23.61	34.66	58.19
10000	7.29	10.78	11.44	12.14	12.78	13.46	15.56	16.38	18.21	22.33	27.68	40.71	66.21
PMP	14.39	20.44	22.23	24.18	25.36	27.38	32.57	35.22	41.45	48.08	61.40	90.67	155.85
MEAN	2.314	3.114	3.378	3.691	3.953	4.298	5.043	5.464	6.431	7.425	9.396	13.624	26.596
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.869	.556	.166	-.0398	-.0268	-.0257	-.0475	-.0146	-.0394	-.0173	-0.138	.368	.355
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.372	2.190	2.103	2.763	2.612	2.791	2.812	2.975	3.692	2.728	2.195	2.082	2.890
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1956	1963	1969	1971	1971	1956	1956	1969	1970	1970	1969	1956	1952
RECORD MAXIMUM	3.340	4.060	4.430	4.640	5.210	5.830	6.320	7.139	8.900	10.420	13.420	20.880	41.260
NORMALIZED MAX	1.787	1.257	1.391	1.315	1.530	1.610	1.190	1.770	1.645	1.190	.507	1.613	1.949
CALC. COEF. VAR	.248	.229	.221	.195	.221	.221	.213	.221	.233	.225	.171	.330	.283
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.0870	.1171	.1270	.1388	.1486	.1616	.1896	.2055	.2418	.2792	.3533	.5123	1.0000
RP10/A	.1276	.1752	.1904	.2077	.2206	.2391	.2820	.3051	.3584	.4154	.5271	.7697	1.4266
RP25/A	.1495	.2048	.2211	.2449	.2595	.2768	.3289	.3511	.4120	.4823	.5997	.8920	1.6092
RP50/A	.1652	.2329	.2511	.2715	.2873	.3086	.3620	.3884	.4469	.5291	.6670	.9770	1.7327
RP100/A	.1804	.2565	.2759	.2973	.3143	.3364	.3937	.4211	.4837	.5738	.7214	1.0576	1.8474
RP1000/A	.2285	.3323	.3546	.3788	.3994	.4237	.4924	.5220	.5891	.7117	.8878	1.3041	2.1878
RP10000/A	.2742	.4055	.4300	.4564	.4805	.5062	.5850	.6049	.6899	.8409	1.0408	1.5308	2.4894
PMP/A	.5811	.7686	.8358	.9091	.9535	1.0293	1.2248	1.3242	1.5585	1.8077	2.3087	3.4091	5.8600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUE 400 2274 0	STATION NAME DAN REST RANCH	ELEV 45	SEC 21	TWP 11N	RNG LOT 02E P	BWM M	LATITUDE 38.780	LONGITUDE 121.740	COUNTY CODE 57				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.74	2.26	2.65	2.86	3.14	3.39	3.78	4.49	4.50	4.66	5.94	8.61	15.57
5	2.34	3.11	3.63	3.91	4.26	4.57	5.12	5.51	6.02	6.56	8.02	11.68	20.12
10	2.73	3.68	4.28	4.59	4.98	5.32	5.95	6.38	6.91	7.60	9.26	13.52	22.70
20	3.08	4.21	4.88	5.22	5.65	6.02	6.70	7.16	7.71	8.54	10.37	15.17	24.94
25	3.19	4.38	5.07	5.41	5.86	6.23	6.94	7.40	7.95	8.83	10.71	15.67	25.61
40	3.25	4.72	5.46	5.51	5.96	6.27	7.41	7.89	8.44	9.41	11.40	16.70	26.96
50	3.53	4.89	5.64	6.00	6.49	6.87	7.64	8.12	8.66	9.69	11.72	17.17	27.57
100	3.85	5.38	6.20	6.57	7.09	7.49	8.30	8.80	9.33	10.50	12.68	18.58	29.40
200	4.17	5.87	6.74	7.13	7.69	8.09	8.95	9.46	9.97	11.23	13.59	19.94	31.12
1000	4.88	6.97	7.97	8.37	9.02	9.43	10.39	10.91	11.36	13.03	15.80	22.91	34.82
10000	5.86	8.51	9.67	10.09	10.85	11.27	12.34	12.87	13.21	15.37	18.29	26.90	39.61
PMP	11.56	16.12	18.79	20.10	21.52	22.92	25.83	27.69	30.06	33.09	40.57	59.90	93.25
MEAN	1.459	2.456	2.855	3.069	3.355	3.598	3.999	4.296	4.665	5.110	6.208	9.001	15.913
CLOCK NR. COR.	1.140	1.670	1.049	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.500	1.646	1.321	1.205	1.453	1.646	1.739	1.938	2.150	2.382	2.932	4.493	9.001
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	6.227	5.676	5.946	4.992	5.301	4.549	4.844	3.786	3.210	2.662	4.064	3.575	2.884
N	33	33	33	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1973
RECORD MAXIMUM	3.550	5.250	6.220	6.270	6.860	6.960	7.860	8.120	8.740	8.950	11.690	16.690	26.270
NORMALIZED MAX	2.619	2.706	3.112	2.867	2.696	2.552	2.890	2.653	2.531	2.430	2.922	2.491	2.109
CALC. COEF. VAR	.347	.421	.378	.364	.369	.337	.334	.336	.345	.309	.302	.343	.309
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1168	.1543	.1794	.1928	.2109	.2261	.2513	.2760	.2931	.3211	.3901	.5656	1.0000
RP10/A	.1713	.2310	.2699	.2885	.3129	.3346	.3738	.4009	.4345	.4777	.5820	.8499	1.4266
RP25/A	.2007	.2750	.3188	.3402	.3681	.3914	.4359	.4653	.4994	.5547	.6732	.9850	1.6092
RP50/A	.2218	.3070	.3547	.3773	.4076	.4318	.4798	.5103	.5442	.6066	.7355	1.0788	1.7327
RP100/A	.2422	.3382	.3896	.4131	.4458	.4767	.5218	.5533	.5863	.6600	.7905	1.1677	1.8474
RP1000/A	.3067	.4380	.5008	.5263	.5666	.5928	.6527	.6859	.7140	.8166	.9603	1.4399	2.1678
RP10000/A	.3682	.5345	.6074	.6341	.6816	.7082	.7754	.8090	.8302	.9659	1.1493	1.6902	2.4894
PMP/A	.7264	1.0131	1.1806	1.2630	1.3526	1.4402	1.6234	1.7399	1.8892	2.0792	2.5493	3.7642	5.8600

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 2294 0		STATION NAME DAVIS 2MSW		ELEV 409	SEC 60	TWP 07	RNG LOT 08N 02E 0	BWM M	LATITUDE 38.535	LONGITUDE 121.775	COUNTY CODE 57		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.97	2.47	2.82	3.04	3.30	3.51	3.89	4.22	4.84	5.36	6.38	9.01	16.10
5	2.65	3.40	3.87	4.15	4.47	4.74	5.26	5.68	6.48	7.23	8.61	12.23	20.81
10	3.09	4.01	4.55	4.87	5.23	5.52	6.12	6.58	7.45	8.37	9.94	14.16	23.47
20	3.49	4.60	5.20	5.53	5.93	6.24	6.89	7.39	8.30	9.40	11.14	15.88	25.79
25	3.62	4.78	5.40	5.74	6.15	6.46	7.13	7.64	8.56	9.72	11.50	16.41	26.48
40	3.68	5.16	5.81	5.84	6.26	6.92	7.62	8.14	9.09	10.37	12.24	17.48	27.87
50	4.00	5.33	6.01	6.36	6.81	7.13	7.85	8.38	9.33	10.67	12.58	17.97	28.51
100	4.37	5.88	6.60	6.97	7.45	7.77	8.54	9.08	10.05	11.57	13.61	19.45	30.40
200	4.73	6.41	7.18	7.56	8.07	8.39	9.20	9.76	10.74	12.43	14.59	20.87	32.18
1000	5.53	7.61	8.48	8.88	9.47	9.79	10.68	11.26	12.24	14.35	16.75	23.99	36.00
10000	6.64	9.29	10.29	10.70	11.39	11.69	12.69	13.28	14.23	16.43	19.63	28.16	40.96
PMP	13.10	17.61	19.99	21.31	22.61	23.78	26.57	28.56	32.39	36.44	43.59	62.71	96.42
MEAN	2.106	2.682	3.038	3.253	3.525	3.733	4.112	4.431	5.025	5.627	6.664	9.424	16.454
CLOCK NR. COR.	1.140	1.670	1.940	1.920	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.813	1.127	1.500	1.325	1.199	1.018	1.026	.895	.556	.626	.606	.778	.659
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	.900	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.220	4.393	6.040	5.317	4.655	4.386	4.396	3.877	2.801	3.252	2.974	3.272	3.025
N	75	75	75	75	75	75	75	75	75	75	75	75	75
RECORD YEAR	1916	1963	1963	1963	1963	1956	1956	1956	1956	1911	1911	1911	1941
RECORD MAXIMUM	3.930	5.860	7.610	7.650	7.850	8.330	9.560	9.900	10.210	12.540	13.580	20.180	31.510
NORMALIZED MAX	2.293	2.948	3.956	3.654	3.205	3.299	3.406	3.416	2.708	3.162	2.749	2.813	2.674
CALC. COEF. VAR	.378	.482	.397	.387	.383	.373	.367	.361	.381	.388	.378	.405	.342
REGN. COEF. VAR	.346	.491	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1280	.1630	.1847	.1977	.2142	.2269	.2499	.2693	.3054	.3420	.4450	.5727	1.0000
RP10/A	.1877	.2440	.2767	.2956	.3179	.3357	.3717	.3999	.4527	.5088	.6042	.8605	1.4266
RP25/A	.2200	.2905	.3261	.3488	.3739	.3927	.4335	.4641	.5204	.5908	.6989	.9973	1.6092
RP50/A	.2431	.3242	.3651	.3868	.4141	.4333	.4772	.5090	.5870	.6682	.7846	1.0923	1.7327
RP100/A	.2654	.3572	.4010	.4235	.4529	.4723	.5190	.5519	.6109	.7029	.8269	1.1524	1.8474
RP1000/A	.3361	.4626	.5154	.5396	.5756	.5948	.6491	.6841	.7439	.8718	1.0177	1.4580	2.1878
RP10000/A	.4034	.5645	.6252	.6501	.6925	.7106	.7711	.8070	.8650	1.0287	1.1931	1.7114	2.4694
PMP/A	.7980	1.0700	1.2151	1.2950	1.3741	1.4450	1.6145	1.7354	1.9684	2.2144	2.8405	4.6114	5.8600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 2294 6	STATION NAME DAVIS 2 NNW	ELEV 47	SEC 33	TWP 09N	RNG LOT 02E J	BWM M	LATITUDE 38+64.7	LONGITUDE 121+75.1	COUNTY 57	CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.01	2.42	2.78	2.99	3.32	3.55	3.95	4.22	4.93	5.29	6.21	8.96	19.10
5	2.70	3.33	3.81	4.09	4.50	4.80	5.34	5.69	6.61	7.14	8.38	12.16	24.68
10	3.15	3.93	4.49	4.79	5.27	5.58	6.21	6.58	7.59	8.27	9.68	14.08	27.85
20	3.60	4.50	5.12	5.45	5.98	6.31	7.00	7.39	8.46	9.29	10.84	15.79	30.59
25	3.69	4.68	5.32	5.65	6.20	6.53	7.24	7.64	8.72	9.60	11.20	16.32	31.41
40	3.75	5.05	5.73	5.75	6.30	6.99	7.74	8.15	9.26	10.24	11.92	17.38	33.07
50	4.07	5.23	5.92	6.27	6.86	7.21	7.97	8.38	9.50	10.54	12.25	17.87	33.82
100	4.45	5.76	6.50	6.86	7.50	7.86	8.67	9.09	10.24	11.43	13.25	19.34	36.06
200	4.81	6.28	7.07	7.44	8.13	8.49	9.34	9.77	10.94	12.26	14.21	20.75	38.17
1000	5.63	7.46	8.35	8.74	9.54	9.90	10.84	11.27	12.47	14.17	16.31	23.85	42.71
10000	6.76	9.10	10.13	10.54	11.47	11.82	12.88	13.29	14.50	16.72	19.12	28.00	48.59
PMP	13.34	17.24	19.70	20.99	22.77	24.04	26.97	28.58	33.00	36.00	42.41	62.35	114.39
MEAN	2.145	2.627	2.993	3.204	3.550	3.774	4.175	4.434	5.120	5.559	6.489	9.369	19.520
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.467	1.452	1.348	1.151	1.063	1.027	1.058	1.155	1.474	1.589	1.812	2.434	4.634
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	8.035	5.941	11.000	9.257	7.202	6.158	4.965	4.163	2.774	2.661	3.191	3.776	2.317
N	38	38	38	38	38	38	38	38	38	38	38	38	11
RECORD YEAR	1963	1963	1963	1963	1963	1963	1956	1956	1956	1956	1958	1958	1958
RECORD MAXIMUM	4.700	6.000	6.570	6.020	9.020	9.450	9.760	10.070	10.430	10.360	12.580	18.470	31.270
NORMALIZED MAX	3.069	2.855	4.006	3.866	3.427	3.260	2.953	2.812	2.371	2.232	2.433	2.446	1.513
CALC. COEF. VAR	.398	.450	.405	.470	.450	.427	.428	.427	.406	.393	.386	.397	.398
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1099	.1346	.1533	.1641	.1818	.1933	.2139	.2271	.2623	.2848	.3324	.4880	1.0000
RP10/A	.1612	.2014	.2298	.2456	.2699	.2864	.3181	.3373	.3888	.4237	.4959	.7212	1.4266
RP25/A	.1889	.2398	.2724	.2896	.3175	.3347	.3711	.3915	.4469	.4920	.5737	.8358	1.6922
RP50/A	.2087	.2677	.3032	.3211	.3515	.3693	.4084	.4294	.4869	.5398	.6276	.9155	1.7327
RP100/A	.2279	.2949	.3330	.3516	.3845	.4025	.4442	.4655	.5246	.5853	.6768	.9909	1.8474
RP1000/A	.2886	.3819	.4280	.4479	.4886	.5069	.5555	.5771	.6389	.7260	.8354	1.2219	2.1878
RP10000/A	.3464	.4600	.5191	.5397	.5879	.6056	.6599	.6808	.7428	.8567	.9793	1.4343	2.4894
PMP/A	.6835	.8834	1.0090	1.0751	1.1665	1.2315	1.3818	1.4640	1.6904	1.8441	2.1724	3.1942	5.0600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A00 3740 0	STATION NAME HAMMONTON		ELEV 131	SEC 32	TWP 16N	RNG LOT 05E R	BWM M	LATITUDE 39+19.3	LONGITUDE 121+42.8	COUNTY 58	CODE		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.09	2.70	3.14	3.48	3.80	4.05	4.65	4.95	5.78	6.31	7.72	10.96	20.83
5	2.81	3.71	4.30	4.76	5.16	5.47	6.29	6.66	7.74	8.52	10.42	14.87	26.92
10	3.27	4.38	5.07	5.58	6.04	6.37	7.31	7.71	8.89	9.06	12.04	17.22	30.37
20	3.70	5.02	5.78	6.34	6.85	7.20	8.24	8.64	9.91	11.08	13.48	19.31	33.36
25	3.83	5.22	6.01	6.58	7.10	7.45	8.53	8.95	10.22	11.45	13.93	19.95	34.26
40	3.90	5.63	6.47	6.70	7.22	7.98	9.11	9.55	10.85	12.22	14.82	21.25	36.06
50	4.23	5.92	6.68	7.30	7.86	8.22	9.38	9.82	11.13	12.57	15.24	21.85	36.88
100	4.62	6.42	7.34	7.99	8.60	8.97	10.21	10.64	12.00	13.63	16.48	23.66	39.32
200	5.00	7.00	7.98	8.67	9.32	9.68	11.00	11.44	12.82	14.65	17.67	25.38	41.63
1000	5.85	8.31	9.44	10.18	10.93	11.29	12.77	13.20	14.61	16.90	20.28	29.17	46.57
10000	7.02	10.14	11.44	12.27	13.15	13.49	15.16	15.57	16.99	19.44	23.77	34.24	52.99
PMP	13.86	19.22	22.24	24.43	26.09	27.43	31.75	33.48	38.66	42.93	52.73	76.25	124.74
MEAN	2.228	2.928	3.380	3.730	4.068	4.306	4.915	5.194	5.998	6.630	8.070	11.458	21.287
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.440	.482	.295	.138	.105	-.0243	.243	.135	.197	.410	.966	1.172	.132
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	5.597	2.799	3.136	2.737	2.362	2.260	2.734	2.559	2.832	3.582	5.235	5.264	2.164
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1916	1916	1911	1911	1911	1911	1930	1911	1911	1911	1911	1911	1914
RECORD MAXIMUM	4.090	4.720	5.630	6.050	6.290	6.350	8.310	8.490	10.510	13.040	17.910	24.730	31.930
NORMALIZED MAX	2.248	1.808	2.039	1.823	1.699	1.527	1.915	1.640	2.155	2.508	2.915	2.885	1.712
CALC. COEF. VAR	.372	.339	.326	.341	.322	.311	.361	.345	.385	.418	.462	.292	.292
REGN. COEF. VAR	.340	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.340	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1047	.1375	.1588	.1752	.1911	.2023	.2309	.2440	.2818	.3115	.3791	.5383	1.0000
RP10/A	.1535	.2059	.2280	.2622	.2836	.2993	.3434	.3624	.4176	.4634	.5655	.8088	1.4266
RP25/A	.1799	.2451	.2821	.3092	.3336	.3502	.4005	.4205	.4801	.5381	.6512	.9374	1.6902
RP50/A	.1908	.2738	.3131	.3428	.3694	.3884	.4408	.4613	.5204	.5784	.7157	1.0267	1.7327
RP100/A	.2171	.3014	.3449	.3754	.4040	.4212	.4794	.5001	.5635	.6242	.7741	1.1113	1.8474
RP1000/A	.2749	.3904	.4333	.4783	.5135	.5304	.5997	.6199	.6863	.7940	.9526	1.3703	2.1878
RP10000/A	.3300	.4764	.5376	.5763	.6177	.6336	.7124	.7313	.7990	.9369	1.1180	1.6005	2.4894
PMP/A	.6511	.9630	1.0449	1.1479	1.2258	1.2885	1.4916	1.5728	1.8159	2.0168	2.4773	3.5822	5.0600

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 4591 0		STATION NAME KNIGHTS LANDING		ELEV 35	SEC 14	TWP 11N	RNG LOT 02E G	BWM M	LATITUDE 38-802	LONGITUDE 121-716	COUNTY CODE 57	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300	600	F YR
2	1.79	2.28	2.66	2.86	3.12	3.34	3.77	3.97	4.72	6.07	9.00	15.94
5	2.40	3.13	3.64	3.91	4.23	4.51	5.10	5.35	6.31	8.22	12.22	20.60
10	2.80	3.69	4.29	4.58	4.95	5.25	5.92	6.19	7.25	9.53	14.14	23.72
20	3.16	4.23	4.90	5.21	5.62	5.93	6.68	6.95	8.08	10.72	15.87	26.32
25	3.28	4.40	5.09	5.40	5.83	6.14	6.91	7.19	8.34	11.08	16.39	27.12
40	3.33	4.75	5.48	5.50	5.93	6.57	7.38	7.66	8.85	11.82	17.46	28.73
50	3.62	4.91	5.66	5.99	6.45	6.77	7.60	7.88	9.08	12.17	17.95	29.48
100	3.95	5.41	6.22	6.56	7.06	7.38	8.27	8.55	9.78	13.20	19.43	31.72
200	4.28	5.90	6.76	7.11	7.64	7.97	8.91	9.18	10.45	14.19	20.85	33.80
1000	5.01	7.01	7.99	8.36	8.97	9.29	10.34	10.60	11.92	16.39	23.96	38.57
10000	6.01	8.55	9.70	10.07	10.79	11.10	12.28	12.50	13.86	19.35	28.13	44.86
PMP	11.86	16.20	18.84	20.05	21.41	22.58	25.72	26.88	31.53	41.73	62.64	97.06
MEAN	1.906	2.468	2.864	3.061	3.337	3.545	3.982	4.170	4.892	6.385	9.413	16.563
CLOCK HR. COR.	1.140	1.670	1.950	1.040	1.030	1.020	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	.736	.665	.454	.685	.680	.665	.826	.716	.416	.773	.749	1.417
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700
KURTOSIS	3.234	2.725	2.654	2.655	2.724	2.897	3.507	3.228	2.411	3.594	3.614	3.168
N	54	54	54	54	54	54	54	54	54	54	54	54
RECORD YEAR	1967	1956	1923	1911	1956	1956	1956	1956	1941	1911	1911	1941
RECORD MAXIMUM	3.140	4.060	4.470	4.980	5.590	6.340	7.360	7.700	8.340	12.850	20.200	30.460
NORMALIZED MAX	1.921	2.207	1.997	1.943	2.269	2.534	2.664	2.590	2.105	2.700	2.976	2.760
CALC. COEF. VAR	.337	.292	.281	.309	.298	.311	.318	.327	.335	.375	.385	.303
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.369	.371	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.369	.371	.324
MEAN/A	.1151	.1490	.1729	.1848	.2015	.2140	.2404	.2518	.2954	.3855	.5663	1.0000
RP10/A	.1688	.2231	.2559	.2765	.2990	.3157	.3575	.3739	.4378	.5756	.8539	1.4319
RP25/A	.1978	.2656	.3072	.3261	.3517	.3705	.4170	.4340	.5033	.6691	.9896	1.6372
RP50/A	.2186	.2905	.3418	.3610	.3895	.4088	.4590	.4780	.5483	.7303	1.0798	1.7798
RP100/A	.2367	.3266	.3755	.3959	.4260	.4456	.4992	.5180	.5908	.7968	1.1733	1.9148
RP1000/A	.3023	.4230	.4826	.5045	.5414	.5612	.6244	.6397	.7195	.9693	1.4468	2.3205
RP10000/A	.3628	.5161	.5854	.6078	.6513	.6704	.7417	.7546	.8365	1.1681	1.6982	2.7087
PMP/A	.7159	.9784	1.1378	1.2107	1.2925	1.3633	1.5529	1.6228	1.9036	2.5194	3.7821	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 4638 0	STATION NAME LA FINCA ORCHARD	ELEV 79	SEC 70	TWP 10	RNG LOT 16N 03E R	BWM M	LATITUDE 39-249	LONGITUDE 121-614	COUNTY CODE 58			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300	600	3650
2	1.97	2.62	3.01	3.33	3.52	3.78	4.19	4.57	5.46	5.93	7.19	10.49
5	2.64	3.60	4.14	4.56	4.78	5.11	5.67	6.16	7.31	8.01	9.70	14.24
10	3.08	4.25	4.87	5.34	5.59	5.95	6.59	7.13	8.40	9.27	11.21	16.49
20	3.48	4.87	5.56	6.07	6.34	6.72	7.43	8.01	9.36	10.41	12.95	18.50
25	3.60	5.06	5.77	6.30	6.58	6.96	7.69	8.28	9.65	10.76	12.96	19.11
40	3.67	5.40	6.22	6.41	6.69	7.45	8.22	8.83	10.24	11.48	13.80	20.35
50	3.98	5.65	6.43	6.99	7.28	7.68	8.46	9.08	10.51	11.81	14.18	20.93
100	4.35	6.22	7.06	7.65	7.97	8.37	9.21	9.85	11.33	12.61	15.34	22.65
200	4.71	6.79	7.68	8.30	8.63	9.04	9.92	10.58	12.10	13.77	16.45	24.30
1000	5.51	8.00	9.07	9.75	10.13	10.54	11.51	12.21	13.80	15.89	18.88	27.93
10000	6.61	9.84	11.00	11.74	12.18	12.59	13.68	14.40	16.04	18.74	22.13	32.79
PMP	13.04	18.84	21.39	23.39	24.17	25.51	28.64	30.76	36.50	40.35	49.69	73.02
MEAN	2.097	2.840	3.250	3.571	3.768	4.020	4.433	4.804	5.664	6.231	7.512	10.972
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.764	1.711	2.784	2.212	1.933	1.322	1.059	.972	.514	.573	.758	.693
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.517	7.064	14.754	11.172	9.740	6.555	5.124	4.660	3.481	3.555	5.402	4.175
N	36	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1938	1903	1963	1963	1963	1963	1963	1941	1941	1941	1941	1941
RECORD MAXIMUM	3.160	6.110	9.080	9.130	9.130	9.130	9.130	9.240	10.450	11.390	15.140	20.420
NORMALIZED MAX	1.815	3.203	4.296	4.103	4.003	3.526	3.085	2.700	2.559	2.608	3.232	2.808
CALC. COEF. VAR	.279	.359	.417	.379	.355	.360	.343	.341	.330	.317	.314	.307
REGN. COEF. VAR	.371	.348	.371	.372	.361	.358	.364	.363	.363	.365	.369	.372
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377
MEAN/A	.1024	.1387	.1587	.1744	.1840	.1964	.2165	.2346	.2766	.3043	.3669	.5359
RP10/A	.1502	.2076	.2379	.2609	.2731	.2906	.3220	.3485	.4100	.4528	.5474	.8052
RP25/A	.1760	.2472	.2820	.3077	.3213	.3399	.3756	.4004	.4713	.5257	.6331	.9332
RP50/A	.1945	.2759	.3138	.3412	.3558	.3750	.4134	.4336	.5135	.5678	.6827	1.0221
RP100/A	.2124	.3039	.3447	.3736	.3891	.4068	.4466	.4609	.5533	.6255	.7492	1.1064
RP1000/A	.2690	.3937	.4431	.4760	.4945	.5149	.5623	.5961	.6738	.7758	.9220	1.3643
RP10000/A	.3228	.4804	.5374	.5735	.5949	.6151	.6680	.7032	.7834	.9154	1.0809	1.6014
PMP/A	.6370	.9106	1.0445	1.1424	1.1806	1.2508	1.3987	1.5122	1.7828	1.9706	2.3977	3.5604

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB ADD 4947 0	STATION NAME LINCOLN AUSTIN	ELEV 85	SEC 160	TWP 15	RNG LOT 12N 06E F	RWM M	LATITUDE 38.092	LONGITUDE 121.204	COUNTY CODE 31				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.13	2.91	3.21	3.62	4.05	4.20	4.83	5.29	5.93	6.61	8.23	11.26	21.90
5	2.88	4.00	4.40	4.95	5.49	5.66	6.54	7.12	7.94	8.93	11.10	15.28	28.30
10	3.33	4.73	5.19	5.81	6.42	6.61	7.60	8.25	9.13	10.34	12.82	17.69	31.93
20	3.76	5.41	5.92	6.60	7.28	7.47	8.57	9.26	10.17	11.61	14.36	19.84	35.08
40	3.90	5.63	6.15	6.85	7.55	7.73	8.86	9.57	10.49	12.00	14.83	20.50	36.02
60	3.96	5.67	6.18	6.87	7.58	7.76	8.91	9.62	10.54	12.05	14.88	20.56	36.06
80	4.01	5.70	6.21	6.90	7.61	7.79	8.94	9.65	10.57	12.08	14.91	20.59	36.09
100	4.07	5.75	6.23	6.91	7.63	7.81	9.03	9.74	10.66	12.17	15.00	20.68	36.11
200	5.09	7.95	8.17	9.01	9.91	10.30	11.44	12.23	13.16	15.35	18.02	26.08	43.77
400	5.96	9.96	9.66	10.57	11.62	11.71	13.27	14.11	15.00	17.71	21.60	29.97	46.97
1000	7.15	10.94	11.72	12.70	13.95	14.07	15.70	16.56	18.46	21.32	25.18	35.72	55.72
PMP	14.10	20.73	22.77	25.42	27.79	28.44	33.01	35.79	39.68	44.99	56.17	78.35	131.17
MEAN	2.268	3.158	3.461	3.880	4.326	4.465	5.110	5.553	6.157	6.948	8.596	11.773	22.364
CLOCK HR. COR.	1.140	1.670	1.840	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.088	1.963	2.223	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.745	7.305	9.116	7.696	4.282	4.041	3.110	3.168	2.964	2.189	2.957	5.346	2.409
N	21	21	21	21	21	21	20	20	20	20	20	20	20
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1962	1962	1962	1956	1956	1956
RECORD MAXIMUM	3.086	7.430	9.210	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889
NORMALIZED MAX	1.074	2.810	3.198	3.138	2.596	2.513	1.975	2.050	2.140	1.687	2.152	2.631	1.741
CALC. COEF. VAR	.380	.480	.319	.458	.444	.430	.394	.362	.343	.359	.329	.276	
REGN. COEF. VAR	.368	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.368	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1013	.1411	.1546	.1734	.1933	.1995	.2283	.2481	.2750	.3104	.3840	.5259	1.0000
RP10/A	.1486	.2112	.2310	.2586	.2895	.3035	.3477	.3777	.4268	.4868	.6177	.8470	1.4284
RP25/A	.1741	.2512	.2747	.3059	.3374	.3534	.3960	.4276	.4806	.5382	.6627	.9159	1.6092
RP50/A	.1924	.2807	.3057	.3391	.3736	.3810	.4358	.4690	.5106	.5683	.7251	1.0031	1.7327
RP100/A	.2101	.3072	.3358	.3713	.4086	.4153	.4740	.5084	.5501	.6079	.7841	1.0858	1.8474
RP1000/A	.2861	.4005	.4316	.4731	.5193	.5231	.5929	.6303	.6702	.7260	.9650	1.3069	2.1878
RP10000/A	.3193	.4486	.4825	.5201	.5648	.5649	.6435	.6745	.7189	.7836	1.1314	1.5710	2.4494
PMP/A	.6301	.9262	1.0175	1.1355	1.2398	1.2707	1.4746	1.5989	1.7726	2.0097	2.5096	3.5001	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB ADD 5305 0	STATION NAME MARTYSVILLE	ELEV 89	SEC 62	TWP 13	RNG LOT 15N 03E K	RWM M	LATITUDE 39.663	LONGITUDE 121.584	COUNTY CODE 58				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.97	2.55	2.95	3.25	3.53	3.81	4.32	4.81	5.66	6.22	7.43	10.75	20.34
5	2.65	3.50	4.05	4.44	4.79	5.15	5.85	6.48	7.57	8.40	10.02	14.58	26.28
10	3.09	4.14	4.76	5.21	5.61	5.99	6.80	7.50	8.70	9.73	11.58	16.88	29.65
20	3.49	4.74	5.44	5.92	6.38	6.77	7.66	8.43	9.70	10.93	12.97	18.94	32.57
25	3.62	4.93	5.65	6.14	6.59	7.01	7.93	8.71	10.00	11.30	13.39	19.37	33.45
40	3.68	5.32	6.08	6.25	6.71	7.50	8.47	9.29	10.62	12.05	14.26	20.84	35.21
50	4.00	5.50	6.28	6.81	7.30	7.73	8.72	9.55	10.90	12.39	14.66	21.43	36.01
100	4.37	6.08	6.90	7.46	7.99	8.43	9.49	10.35	11.74	13.44	15.85	23.20	38.40
200	4.72	6.61	7.51	8.09	8.65	9.10	10.23	11.13	12.54	14.45	16.99	24.69	40.65
400	5.53	7.85	8.87	9.50	10.15	10.62	11.87	12.84	14.30	16.67	19.51	28.61	45.47
1000	6.43	9.58	10.76	11.45	12.21	12.68	14.10	15.14	16.62	19.67	22.87	33.58	51.74
PMP	13.10	18.16	20.92	22.80	24.23	25.79	29.52	32.56	37.83	42.34	50.72	74.78	121.80
MEAN	2.106	2.766	3.179	3.481	3.777	4.048	4.569	5.053	5.870	6.539	7.782	11.237	20.786
CLOCK HR. COR.	1.140	1.670	1.840	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.088	1.983	2.223	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889	1.889
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	5.713	10.107	14.754	10.049	7.361	5.168	3.346	2.664	2.078	3.210	3.207	3.287	2.219
N	77	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	4.240	7.290	9.260	9.310	9.310	9.310	9.310	9.310	10.300	11.170	15.390	22.420	34.980
NORMALIZED MAX	2.824	4.493	5.286	4.860	4.469	3.953	3.018	2.513	2.194	2.531	2.082	2.978	2.284
CALC. COEF. VAR	.359	.364	.362	.344	.328	.329	.344	.335	.344	.348	.341	.334	.299
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1013	.1331	.1529	.1675	.1817	.1948	.2198	.2431	.2824	.3146	.3734	.5406	1.0000
RP10/A	.1486	.1992	.2292	.2566	.2897	.2882	.3270	.3610	.4180	.4661	.5571	.8123	1.4266
RP25/A	.1741	.2372	.2717	.2955	.3172	.3372	.3813	.4190	.4812	.5435	.6444	.9414	1.6092
RP50/A	.1924	.2646	.3024	.3277	.3513	.3720	.4197	.4595	.5243	.5863	.7051	1.0311	1.7327
RP100/A	.2101	.2916	.3321	.3588	.3842	.4085	.4568	.4962	.5648	.6268	.7518	1.1181	1.8474
RP1000/A	.2861	.3776	.4269	.4571	.4883	.5107	.5709	.6176	.6879	.8024	.9384	1.3763	2.1878
RP10000/A	.3194	.4609	.5178	.5507	.5874	.6181	.6782	.7285	.7998	.9463	1.1001	1.6155	2.4494
PMP/A	.6301	.8737	1.0084	1.0970	1.1657	1.2406	1.4200	1.5867	1.8021	2.0371	2.4404	3.5978	5.8600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. 85N ORDER SUB 400 5805 0	STATION NAME MONTEZUMA MILLS (89)			ELEV 95	SEC 20	TWP 03N	RNG LOT 03E E	BWM M	LATITUDE 38.076	LONGITUDE 121.604	COUNTY COCONA	CODE 48	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.45	1.81	2.01	2.17	2.36	2.59	2.86	3.17	3.70	3.99	4.75	6.92	12.48
5	1.94	2.46	2.76	2.97	3.21	3.50	3.87	4.27	4.96	5.38	6.41	9.39	16.13
10	2.26	2.93	3.25	3.48	3.75	4.08	4.50	4.94	5.76	6.23	7.40	10.87	18.20
20	2.56	3.36	3.71	3.95	4.26	4.60	5.08	5.55	6.35	7.00	8.29	12.19	19.99
25	2.65	3.49	3.85	4.10	4.41	4.77	5.25	5.73	6.55	7.24	8.56	12.60	20.53
40	2.70	3.77	4.15	4.47	4.79	5.10	5.61	6.11	6.95	7.72	9.11	13.42	21.61
50	2.93	3.90	4.29	4.59	4.89	5.26	5.78	6.29	7.13	7.94	9.36	13.80	22.10
100	3.20	4.29	4.71	5.08	5.35	5.73	6.29	6.92	7.85	8.61	10.13	14.93	23.57
200	3.46	4.68	5.12	5.40	5.79	6.19	6.76	7.32	8.21	9.25	10.86	16.02	24.95
1000	4.05	5.36	6.06	6.34	6.80	7.22	7.86	8.45	9.36	10.48	12.46	18.41	27.91
10000	4.86	6.79	7.35	7.65	8.18	8.63	9.34	9.97	10.88	12.60	14.61	21.61	31.76
PMP	9.59	12.68	14.28	15.23	16.22	17.54	19.56	21.43	24.77	27.13	32.41	48.13	74.76
MEAN	1.542	1.959	2.170	2.325	2.529	2.754	3.027	3.326	3.843	4.189	4.959	7.233	12.757
CLOCK HR. COR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.184	1.120	1.142	1.137	1.231	.892	.823	.669	.508	.424	.832	.732	.693
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	4.802	5.871	6.552	6.840	4.911	3.540	3.062	2.828	2.673	2.489	3.106	2.669	2.798
N	42	42	42	42	42	42	42	42	42	42	42	42	41
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1968
RECORD MAXIMUM	2.750	3.750	4.550	5.300	5.300	5.300	5.720	5.960	7.180	7.580	9.510	13.400	23.490
NORMALIZED MAX	2.519	3.644	3.480	3.670	3.260	2.746	2.560	2.384	2.541	2.405	2.327	2.366	2.423
CALC. COEF. VAR	.311	.300	.315	.349	.334	.337	.347	.332	.342	.337	.382	.360	.346
REBN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1269	.1536	.1701	.1822	.1982	.2159	.2373	.2607	.3012	.3284	.3888	.5670	1.0000
RP10/A	.1773	.2299	.2549	.2727	.2942	.3195	.3530	.3872	.4465	.4886	.5860	.8519	1.4266
RP25/A	.2078	.2737	.3022	.3215	.3461	.3737	.4117	.4493	.5132	.5637	.6709	.9873	1.6092
RP50/A	.2296	.3055	.3363	.3565	.3832	.4123	.4531	.4928	.5592	.6224	.7340	1.0914	1.7327
RP100/A	.2508	.3366	.3694	.3904	.4191	.4498	.4928	.5349	.6025	.6749	.7928	1.1703	1.8474
RP1000/A	.3175	.4360	.4748	.4974	.5327	.5661	.6164	.6624	.7337	.8371	.9789	1.4434	2.1878
RP10000/A	.3811	.5320	.5759	.5993	.6408	.6763	.7322	.7813	.8531	.9878	1.1453	1.6943	2.4894
PMP/A	.7520	1.0683	1.1192	1.1937	1.2717	1.3752	1.5331	1.6862	1.9414	2.1264	2.5465	3.7732	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. 83N ORDER SUB	STATION NAME			ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY		
400 6193 0	NICOLAUS			47	07	12N	04E	M	36.900	121.583	YI		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	200	300	600	F YR	
2	1.74	2.26	2.67	2.91	3.15	3.37	3.75	4.03	5.24	6.03	8.74	16.76	
5	2.34	3.10	3.66	3.97	4.28	4.55	5.07	5.44	7.03	8.20	11.88	21.88	
10	2.72	3.66	4.31	4.66	5.01	5.29	5.90	6.29	8.08	9.50	13.73	24.94	
20	3.08	4.19	4.92	5.30	5.68	5.98	6.65	7.06	9.01	10.60	15.41	27.60	
25	3.19	4.36	5.11	5.49	5.89	6.19	6.88	7.30	9.29	11.04	15.91	28.52	
40	3.25	4.71	5.51	5.99	6.39	6.63	7.35	7.78	9.86	11.78	16.95	30.22	
50	3.53	4.87	5.69	6.09	6.52	6.83	7.57	8.01	10.12	12.12	17.43	31.00	
100	3.85	5.36	6.25	6.67	7.13	7.49	8.23	8.68	10.91	13.15	18.87	33.39	
200	4.17	5.85	6.80	7.23	7.73	8.04	8.87	9.33	11.66	14.14	20.24	35.60	
1000	4.88	6.95	8.03	8.50	9.07	9.38	10.36	10.76	13.29	16.33	23.27	40.96	
10000	5.88	8.67	9.74	10.24	10.71	11.20	12.23	12.70	15.46	19.28	27.31	47.18	
PMP	11.55	16.06	18.94	20.39	21.64	22.78	25.61	27.30	33.23	41.59	60.82	102.06	
MEAN	1.897	2.447	2.878	3.113	3.374	3.576	3.965	4.236	5.440	6.364	9.139	17.417	
CLOCK HR. COR.	1.140	1.070	1.030	1.040	1.030	1.020	1.020	1.010	1.010	1.000	1.000	1.000	
CALCULATED SKEW	1.399	2.501	2.970	1.912	1.647	1.319	.977	.709	.611	.578	.728	.526	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	
KURTOSIS	5.222	13.725	14.666	10.475	9.319	6.878	4.441	3.375	3.256	3.152	3.387	2.808	
N	54	54	54	54	54	54	54	54	54	54	54	54	
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1926	1926	1914	1941	
RECORD MAXIMUM	3.530	6.940	6.630	6.730	6.730	6.730	6.730	6.730	11.180	12.390	17.690	32.460	
NORMALIZED MAX	2.407	4.506	4.734	4.370	4.262	3.917	3.220	2.880	2.949	2.644	2.716	2.639	
CALC. COEF. VAR	.374	.408	.422	.413	.373	.366	.373	.368	.358	.358	.344	.327	
REBN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.324	
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.324	
MEAN/A	.1066	.1405	.1652	.1788	.1937	.2053	.2276	.2432	.3123	.3694	.5247	1.0000	
RP10/A	.1564	.2103	.2477	.2674	.2875	.3039	.3386	.3612	.4638	.5456	.7884	1.4319	
RP25/A	.1833	.2504	.2936	.3154	.3381	.3559	.3949	.4192	.5334	.6341	.9137	1.6372	
RP50/A	.2026	.2799	.3287	.3497	.3744	.3922	.4346	.4598	.5813	.6961	1.0008	1.7798	
RP100/A	.2212	.3078	.3589	.3829	.4093	.4275	.4727	.4985	.6264	.7552	1.0833	1.9148	
RP1000/A	.2801	.3987	.4612	.4879	.5205	.5384	.5912	.6180	.7633	.9377	1.3358	2.3885	
RP10000/A	.3362	.4865	.5594	.5876	.6262	.6432	.7023	.7289	.8877	1.1071	1.5680	2.7087	
PMP/A	.6633	.9222	1.0873	1.1709	1.2426	1.3080	1.4705	1.5675	2.0224	2.3878	3.4920	5.8600	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 6506 0	STATION NAME ORLAND	ELEV 104	SEC 254	TWP 21	RNG LOT 22M 03M	BWM M	LATITUDE 39.750	LONGITUDE 122.260	COUNTY CODE 11				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.05	2.57	2.83	3.08	3.29	3.52	3.90	4.28	5.02	5.47	6.62	9.63	18.10
5	2.75	3.53	3.89	4.21	4.47	4.75	5.27	5.77	6.72	7.39	8.94	13.07	23.49
10	3.21	4.17	4.56	4.93	5.22	5.53	6.13	6.68	7.72	8.55	10.32	15.13	26.50
20	3.63	4.77	5.23	5.61	5.93	6.25	6.91	7.50	8.60	9.61	11.56	16.97	29.11
25	3.76	4.96	5.43	5.82	6.15	6.47	7.15	7.76	8.87	9.93	11.94	17.53	29.98
30	3.82	5.05	5.52	5.92	6.25	6.57	7.25	7.87	9.00	10.09	12.11	18.00	31.47
50	4.15	5.54	6.04	6.45	6.81	7.14	7.87	8.51	9.66	10.90	13.05	19.20	32.19
100	4.54	6.10	6.63	7.06	7.44	7.78	8.56	9.22	10.41	11.82	14.13	20.79	34.32
200	4.91	6.66	7.22	7.66	8.06	8.40	9.22	9.91	11.13	12.70	15.15	22.30	36.33
1000	5.74	7.91	8.53	9.00	9.46	9.80	10.70	11.43	12.68	14.66	17.39	25.63	40.64
10000	6.89	9.65	10.34	10.84	11.38	11.71	12.71	13.49	14.74	17.29	20.39	30.69	46.25
PMP	13.60	18.29	20.30	21.59	22.58	23.81	26.62	29.00	33.95	37.23	45.22	67.01	108.86
MEAN	2.187	2.785	3.055	3.296	3.520	3.737	4.120	4.500	5.266	5.750	6.920	10.069	18.577
CLOCK NR. COR.	1.140	1.670	1.040	1.620	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.983	.175	-.0127	.084	.083	.058	.309	.225	.130	.322	.604	.942	.982
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.800	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	5.265	3.528	2.833	2.739	2.764	2.499	2.881	2.840	2.777	3.014	3.152	4.473	4.775
N	76	76	76	76	76	76	76	76	76	76	76	76	76
RECORD YEAR	1925	1925	1925	1934	1925	1911	1911	1941	1902	1902	1941	1941	1941
RECORD MAXIMUM	4.280	4.830	4.830	5.370	5.760	5.930	6.180	6.280	11.130	14.200	24.240	41.460	
NORMALIZED MAX	3.096	3.288	2.973	2.105	2.437	2.439	2.926	2.552	2.400	2.699	2.780	3.700	3.511
CALC. COEF. VAR	.313	.290	.280	.290	.284	.311	.320	.324	.347	.347	.382	.380	.351
REGION. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1177	.1499	.1645	.1755	.1895	.2012	.2218	.2422	.2802	.3095	.3725	.5420	1.0000
RP10/A	.1726	.2244	.2455	.2655	.2812	.2977	.3394	.3577	.4155	.4557	.5557	.8144	1.4266
RP25/A	.2023	.2672	.2935	.3131	.3300	.3483	.3847	.4175	.4775	.5347	.6428	.9438	1.6092
RP50/A	.2236	.2983	.3251	.3472	.3663	.3843	.4235	.4579	.5202	.5866	.7033	1.0338	1.7327
RP100/A	.2441	.3285	.3571	.3801	.4006	.4189	.4605	.4964	.5605	.6361	.7600	1.1170	1.8474
RP1000/A	.3091	.4256	.4590	.4843	.5092	.5275	.5760	.6054	.6826	.7860	.9360	1.3798	2.1878
RP10000/A	.3711	.5193	.5568	.5835	.6126	.6302	.6843	.7260	.7937	.9310	1.0974	1.6194	2.4894
PMP/A	.7322	.9843	1.0821	1.1623	1.2156	1.2615	1.4327	1.5612	1.8061	2.0040	2.4342	3.6070	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 6525 0	STATION NAME DROVILLE BRIDGE	ELEV 165	SEC 18	TWP 19N	RNG LOT 04E F	BWM M	LATITUDE 39.508	LONGITUDE 121.567	COUNTY CODE 04				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.49	3.27	3.75	4.10	4.45	4.76	5.44	5.97	7.08	7.66	9.56	13.94	27.05
5	3.34	4.49	5.15	5.61	6.04	6.43	7.36	8.04	9.47	10.61	12.90	18.92	34.95
10	3.90	5.30	6.06	6.57	7.07	7.49	8.56	9.31	10.88	12.29	14.90	21.90	39.43
20	4.41	6.07	6.92	7.47	8.02	8.46	9.64	10.45	12.13	13.81	16.69	24.57	43.32
25	4.56	6.32	7.16	7.75	8.31	8.76	9.98	10.80	12.51	14.27	17.24	25.39	44.48
30	4.64	6.62	7.44	7.89	8.46	8.98	10.66	11.52	13.25	15.22	18.35	27.04	46.83
40	5.04	7.05	7.99	8.60	9.20	9.67	10.98	11.85	13.63	15.66	18.86	27.81	47.89
100	5.51	7.77	8.78	9.41	10.07	10.54	11.94	12.85	14.69	16.98	20.40	30.10	51.07
200	5.96	8.47	9.55	10.21	10.91	11.36	12.87	13.81	15.69	18.23	21.87	32.29	54.05
1000	6.97	10.06	11.29	11.99	12.80	13.27	14.94	15.93	17.89	21.06	25.10	37.11	60.48
10000	8.37	12.27	13.69	14.45	15.39	15.85	17.75	18.79	20.80	24.85	29.43	43.57	66.81
PMP	16.52	23.27	26.61	29.78	30.55	32.24	37.16	40.40	47.33	53.49	65.28	97.02	161.98
MEAN	2.656	3.544	4.044	4.394	4.762	5.061	5.752	6.269	7.343	8.261	9.989	14.579	27.642
CLOCK NR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.174	1.519	2.496	2.178	2.043	1.882	1.444	.934	.391	.402	.431	.436	.199
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	4.167	7.696	15.731	12.692	11.462	9.847	7.052	4.772	2.750	2.579	2.521	2.614	2.141
N	76	76	76	76	76	76	76	76	76	76	76	76	76
RECORD YEAR	1963	1963	1963	1963	1963	1963	1930	1931	1930	1911	1956	1956	1949
RECORD MAXIMUM	4.630	8.530	11.930	11.930	12.300	12.300	14.510	14.510	14.510	14.770	16.740	26.620	44.490
NORMALIZED MAX	2.227	3.937	5.556	5.140	4.954	4.323	4.279	3.742	2.850	2.438	2.580	2.470	2.173
CALC. COEF. VAR	.334	.357	.364	.334	.320	.331	.336	.351	.342	.323	.339	.340	.281
REGION. COEF. VAR	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.372	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.0961	.1282	.1463	.1599	.1723	.1831	.2081	.2268	.2657	.2969	.3614	.5274	1.0000
RP10/A	.1409	.1919	.2192	.2378	.2556	.2709	.3095	.3368	.3938	.4447	.5391	.7925	1.4266
RP25/A	.1631	.2285	.2559	.2805	.3007	.3170	.3610	.3908	.4526	.5163	.6236	.9184	1.6092
RP50/A	.1825	.2550	.2892	.3110	.3330	.3497	.3973	.4287	.4932	.5465	.6623	1.0660	1.7327
RP100/A	.1993	.2869	.3377	.3605	.3842	.3982	.4321	.4648	.5313	.6142	.7379	1.0888	1.8474
RP1000/A	.2523	.3639	.4083	.4338	.4629	.4801	.5404	.5762	.6471	.7619	.9081	1.3427	2.1878
RP10000/A	.3029	.4440	.4952	.5227	.5569	.5735	.6420	.6796	.7524	.8990	1.0647	1.5761	2.4894
PMP/A	.5976	.8617	.9625	1.0412	1.1051	1.1662	1.3442	1.4618	1.7121	1.9352	2.3616	3.5160	5.8600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY	CODE		
A00 6726	0	PASKENTA R 5	755	04	23N	06W	M	39.683	122.533	52			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.38	3.04	3.33	3.57	3.85	4.14	4.86	5.34	6.43	7.29	8.99	12.72	23.45
5	3.20	4.18	4.57	4.87	5.23	5.59	6.57	7.19	8.61	9.84	12.13	17.26	30.31
10	3.73	4.94	5.39	5.72	6.11	6.51	7.64	8.32	9.89	11.40	14.01	19.98	34.20
20	4.21	5.66	6.15	6.50	6.93	7.35	8.61	9.35	11.02	12.80	15.69	22.41	37.56
25	4.37	5.88	6.39	6.74	7.19	7.61	8.91	9.66	11.37	13.23	16.21	23.15	38.57
40	4.44	6.35	6.88	6.86	7.31	8.15	9.52	10.30	12.06	14.11	17.25	24.66	40.61
50	4.83	6.57	7.11	7.48	7.96	8.40	9.81	10.59	12.38	14.52	17.73	25.36	41.53
100	5.27	7.23	7.81	8.18	8.71	9.16	10.66	11.49	13.34	15.74	19.18	27.45	44.28
200	5.70	7.89	8.49	8.88	9.42	9.89	11.49	12.34	14.26	16.92	20.36	29.45	46.87
1000	6.67	9.37	10.33	10.43	11.07	11.53	13.34	14.24	16.25	19.52	23.40	33.85	52.44
10000	8.61	11.43	12.17	12.56	13.31	13.78	15.85	16.80	18.89	23.04	27.67	39.73	59.67
PMP	15.60	21.68	23.65	25.63	29.42	28.02	33.18	36.12	43.00	49.59	61.37	88.49	140.46
MEAN	2.540	3.302	3.595	3.821	4.118	4.398	5.136	5.664	6.671	7.659	9.391	13.296	23.970
CLOCK HR. COR.	1.140	1.870	1.690	1.820	1.910	1.910	1.900	1.900	1.900	1.900	1.900	1.900	1.900
CLOCKED SKEW	1.150	1.515	1.405	1.501	1.521	1.521	1.521	1.521	1.521	1.521	1.521	1.521	1.521
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	3.294	3.661	2.601	3.352	3.932	4.212	3.468	2.868	3.247	3.514	5.173	5.533	4.636
RECORD YEAR	1958	1958	1949	1956	1956	1956	1956	1956	1958	1958	1958	1958	1958
RECORD MAXIMUM	3.270	4.920	5.180	6.290	7.240	7.350	8.450	8.650	11.410	14.090	18.350	27.470	47.670
NORMALIZED MAX	1.410	2.620	1.642	2.244	2.594	2.650	2.211	1.824	2.264	2.561	2.918	3.013	2.819
CALC. COEF. VAR	.202	.243	.269	.288	.292	.303	.292	.302	.314	.328	.327	.354	.351
REGN. COEF. VAR	.208	.371	.372	.370	.361	.356	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	1.060	1.377	1.500	1.594	1.718	1.835	2.143	2.338	2.783	3.195	3.918	5.547	1.0000
RP10/A	1.584	2.092	2.248	2.385	2.550	2.715	3.187	3.472	4.125	4.754	5.845	8.334	1.4266
RP25/A	1.822	2.455	2.664	2.812	2.999	3.177	3.717	4.030	4.742	5.520	6.761	9.660	1.6092
RP50/A	2.013	2.740	2.965	3.119	3.321	3.505	4.091	4.420	5.167	6.056	7.397	1.0580	1.7327
RP100/A	2.198	3.018	3.257	3.455	3.692	3.920	4.449	4.792	5.567	6.507	8.000	1.1452	1.6474
RP1000/A	2.783	3.910	4.186	4.351	4.617	4.811	5.585	5.945	6.780	7.915	9.846	1.4121	2.1876
RP10000/A	3.341	4.770	5.077	5.242	5.554	5.749	6.611	7.007	7.882	9.611	1.1543	1.6576	2.4894
PMP/A	6.592	9.463	9.868	1.0441	1.1021	1.1698	1.3842	1.5069	1.7938	2.0690	2.5604	3.6915	5.6800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY	CODE		
A00 6966 0	PLAINFIELD HEINZ		114	63	31	09N	02E C M	38.588	121.795	57			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.98	2.43	2.73	3.05	3.23	3.50	3.79	4.16	4.90	5.39	6.49	9.07	16.32
5	2.66	3.34	3.77	4.17	4.38	4.72	5.13	5.61	6.56	7.28	8.76	12.31	21.09
10	3.09	3.95	4.43	4.89	5.12	5.50	5.96	6.49	7.53	8.43	10.12	14.25	23.79
20	3.50	4.52	5.07	5.56	5.81	6.21	6.72	7.29	8.40	9.47	11.34	15.99	26.13
25	3.62	4.70	5.27	5.76	6.02	6.43	6.96	7.53	8.66	9.78	11.71	16.32	26.83
40	3.69	5.07	5.68	6.17	6.43	6.89	7.43	8.03	9.19	10.43	12.46	17.60	28.25
50	4.01	5.28	5.86	6.39	6.67	7.10	7.66	8.26	9.43	10.74	12.81	18.09	28.89
100	4.37	5.78	6.44	7.00	7.27	7.74	8.33	8.96	10.16	11.44	13.58	19.59	30.80
200	4.73	6.30	7.01	7.59	7.90	8.36	8.97	9.63	10.86	12.51	14.85	21.01	32.61
1000	5.54	7.49	8.28	8.92	9.27	9.74	10.41	11.10	12.38	14.44	17.05	24.15	36.48
10000	6.86	9.14	10.64	11.74	12.15	12.64	13.37	14.10	15.39	17.04	19.99	28.35	41.51
PMP	13.11	17.32	19.52	21.40	22.13	23.67	25.96	28.17	32.75	36.67	44.34	63.14	97.71
MEAN	2.168	2.639	2.966	3.267	3.449	3.716	4.009	4.376	5.081	5.664	6.785	9.487	16.675
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CLOCKED SKEW	.818	.988	.968	.830	.857	.779	.811	.856	.768	.823	.848	.973	.844
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	3.120	3.970	3.658	3.205	3.217	3.171	3.202	3.937	3.194	3.428	3.965	3.836	4.213
RECORD YEAR	1968	1968	1968	1968	1968	1968	1968	1968	1968	1968	1968	1968	1968
RECORD MAXIMUM	3.700	5.020	5.760	6.270	7.050	7.650	8.330	9.700	11.780	12.950	16.350	23.900	36.710
NORMALIZED MAX	1.954	2.473	2.437	2.357	2.531	2.543	2.684	2.928	3.039	2.931	3.250	3.170	3.335
CALC. COEF. VAR	.386	.385	.382	.390	.412	.418	.420	.417	.434	.439	.434	.450	.380
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	1.264	1.592	1.779	1.959	2.069	2.229	2.405	2.621	3.047	3.397	4.059	5.690	1.0000
RP10/A	1.855	2.369	2.666	2.931	3.070	3.298	3.576	3.893	4.517	5.054	6.079	8.549	1.4266
RP25/A	2.173	2.820	3.160	3.456	3.611	3.859	4.171	4.517	5.192	5.868	7.022	9.908	1.6092
RP50/A	2.462	3.148	3.357	3.623	3.799	4.037	4.391	4.758	5.507	6.248	7.692	1.0552	1.7327
RP100/A	2.623	3.468	3.803	4.196	4.374	4.640	4.993	5.372	6.099	6.901	8.328	1.1764	1.9474
RP1000/A	3.321	4.492	4.965	5.347	5.559	5.844	6.245	6.659	7.423	8.059	9.625	1.4404	2.1878
RP10000/A	3.996	5.480	6.022	6.442	6.687	6.982	7.419	7.855	8.631	1.0217	1.1927	1.7002	2.4894
PMP/A	7.885	1.0398	1.1705	1.2832	1.3270	1.4197	1.5533	1.6892	1.9641	2.1994	2.6591	3.7864	5.6800

PEARSON TYPE III DISTRIBUTION
 PROBABLY MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 6966 1	STATION NAME PLAINFIELD INNW	ELEV 65	SEC 25	TWP 09N	RNG LOT 01E 0	BWM M	LATITUDE 38-598	LONGITUDE 121-806	COUNTY CODE 57				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.96	2.42	2.88	3.05	3.32	3.53	3.85	4.15	4.79	5.19	6.20	8.99	15.94
5	2.63	3.32	3.95	4.17	4.50	4.77	5.21	5.59	6.41	7.01	8.37	12.21	20.60
10	3.06	3.93	4.65	4.88	5.26	5.55	6.05	6.47	7.36	8.12	9.67	14.13	23.24
20	3.46	4.50	5.30	5.58	5.97	6.27	6.82	7.27	8.21	9.12	10.83	15.85	25.53
25	3.59	4.68	5.51	5.76	6.19	6.50	7.06	7.51	8.46	9.43	11.18	16.38	26.21
40	3.65	5.05	5.93	6.07	6.30	6.95	7.55	8.01	8.98	10.05	11.91	17.45	27.57
50	3.97	5.32	6.13	6.28	6.55	7.17	7.77	8.24	9.22	10.36	12.24	17.94	28.22
100	4.33	5.75	6.73	7.00	7.50	7.81	8.45	8.93	9.94	11.22	13.23	19.42	30.09
200	4.68	6.27	7.32	7.59	8.12	8.44	9.11	9.60	10.62	12.06	14.19	20.83	31.85
1000	5.48	7.45	8.65	8.92	9.53	9.84	10.57	11.08	12.10	13.91	16.29	23.94	35.64
10000	6.58	9.09	10.50	10.74	11.44	11.75	12.56	13.07	14.07	15.92	19.09	28.10	40.55
PMP	12.98	17.23	20.40	21.40	22.74	23.90	26.29	28.10	32.01	35.34	42.36	62.59	95.45
MEAN	2.087	2.624	3.100	3.267	3.545	3.752	4.070	4.360	4.967	5.458	6.481	9.404	16.289
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.105	2.187	1.773	1.693	1.841	1.755	1.973	1.862	1.710	1.420	1.481	1.309	1.571
REGIONAL SKEW	1.100	1.360	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	3.687	8.758	6.599	6.137	7.166	6.966	7.717	6.888	6.269	5.231	5.635	4.416	5.011
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1956	1956	1963	1956	1956	1956	1956	1956	1956	1956	1941	1956	1941
RECORD MAXIMUM	3.550	6.200	6.710	7.260	8.360	8.780	9.880	10.250	10.740	11.080	13.340	18.420	33.520
NORMALIZED MAX	2.023	3.192	2.787	2.830	3.252	3.259	3.470	3.250	3.065	2.853	2.930	2.436	2.693
CALC. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USEO COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	1.282	1.611	1.903	2.006	2.176	2.303	2.498	2.676	3.050	3.351	3.979	5.774	1.0000
RP10/A	1.080	2.411	2.852	3.001	3.230	3.408	3.716	3.975	4.520	4.985	5.936	8.675	1.4266
RP25/A	1.2203	2.071	2.381	2.539	2.799	2.987	3.234	3.413	3.966	4.487	5.436	8.054	1.6052
RP50/A	1.2434	2.304	2.763	2.924	3.207	3.399	3.702	3.881	4.435	4.951	5.901	8.512	1.7327
RP100/A	1.2658	2.530	3.133	3.296	3.601	3.795	4.108	4.285	4.839	5.355	6.305	8.919	1.8474
RP1000/A	1.3366	4.572	5.313	5.474	5.848	6.039	6.489	6.680	7.428	8.541	9.999	14.698	2.1878
RP10000/A	1.4040	5.579	6.444	6.595	7.036	7.215	7.708	7.881	8.637	10.078	11.723	17.253	2.4894
PMP/A	1.791	1.0575	1.2524	1.3137	1.3862	1.4671	1.6140	1.7250	1.9654	2.1695	2.6003	3.6423	5.0600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 7292 0	STATION NAME RED BLUFF AIRPORT	ELEV 341	SEC 27N	TWP 03W	RNG LOT 03M	BWM M	LATITUDE 40-150	LONGITUDE 122-250	COUNTY CODE 52				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.14	2.60	2.85	3.00	3.22	3.45	4.03	4.47	5.27	6.09	7.69	10.90	20.88
5	2.88	3.57	3.91	4.10	4.37	4.66	5.45	6.02	7.05	8.22	10.37	14.80	26.96
10	3.35	4.22	4.60	4.81	5.12	5.43	6.33	6.97	8.10	9.52	11.98	17.13	30.42
20	3.79	4.83	5.25	5.47	5.80	6.13	7.13	7.83	9.03	10.69	13.42	19.22	33.42
25	3.93	5.02	5.45	5.67	6.02	6.35	7.38	8.09	9.31	11.05	13.86	19.85	34.32
40	3.99	5.42	5.87	5.77	6.12	6.79	7.89	8.63	9.88	11.78	14.75	21.15	36.12
50	4.34	5.60	6.07	6.29	6.66	7.00	8.12	8.88	10.15	12.12	15.16	21.75	36.95
100	4.74	6.17	6.67	6.88	7.29	7.63	8.84	9.62	10.93	13.15	16.40	23.54	39.39
200	5.13	6.73	7.25	7.47	7.90	8.25	9.52	10.34	11.68	14.13	17.58	25.25	41.70
1000	6.00	8.00	8.57	8.77	9.28	9.61	11.08	11.93	13.31	16.30	20.18	29.02	46.85
10000	7.20	9.76	10.39	10.57	11.14	11.48	13.13	14.07	15.48	19.24	23.66	34.07	53.08
PMP	14.21	18.49	20.20	21.05	22.11	23.35	27.49	30.26	35.22	41.41	52.48	75.87	124.98
MEAN	2.285	2.817	3.070	3.214	3.447	3.666	4.255	4.695	5.465	6.396	8.030	11.401	21.324
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.140	1.913	1.203	1.311	1.363	-0.107	.518	1.138	-0.131	-0.151	-0.259	.058	.771
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	4.108	4.274	2.283	2.898	2.859	2.146	3.050	2.215	2.510	2.551	2.491	3.593	3.813
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1961	1955	1955	1955	1955	1955	1955	1967	1961	1958	1958	1958	1958
RECORD MAXIMUM	3.370	4.260	4.280	4.970	4.990	4.990	6.770	6.790	7.630	9.920	12.000	18.540	36.260
NORMALIZED MAX	1.772	2.063	1.554	2.080	2.146	1.753	2.308	1.803	1.817	1.678	1.842	2.358	2.610
CALC. COEF. VAR	.268	.248	.254	.263	.209	.206	.256	.247	.218	.235	.268	.266	.268
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USEO COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	1.072	1.321	1.440	1.507	1.616	1.719	1.996	2.202	2.563	2.999	3.766	5.347	1.0000
RP10/A	1.172	1.977	2.158	2.255	2.399	2.544	2.968	3.270	3.794	4.463	5.618	8.033	1.4266
RP25/A	1.0842	2.354	2.558	2.655	2.822	2.977	3.462	3.795	4.367	5.082	6.048	8.010	1.6092
RP50/A	1.2035	2.628	2.847	2.949	3.125	3.284	3.810	4.162	4.758	5.505	6.710	1.0198	1.7327
RP100/A	1.2223	2.895	3.127	3.228	3.417	3.580	4.144	4.512	5.126	6.165	7.685	1.0398	1.8474
RP1000/A	1.3514	3.750	4.019	4.113	4.343	4.508	5.183	5.594	6.243	7.646	9.463	1.3611	2.1878
RP10000/A	1.3378	4.575	4.874	4.956	5.225	5.386	6.157	6.598	7.259	8.922	11.074	1.9777	2.4894
PMP/A	1.6665	2.6173	2.9474	2.9872	3.1038	3.2805	3.8801	4.2801	4.9518	5.9422	7.4609	10.5581	16.6600

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO.	STATION NAME		ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE		
65N ORDER SUB 400 7296 0	REDDING FS 2		119	577	35	32N	05W	M	40.583	122.400	405		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.23	4.32	5.03	5.50	5.94	6.40	7.28	8.12	9.56	10.67	12.97	19.18	39.19
5	4.34	5.94	6.90	7.51	8.06	8.64	9.84	10.94	12.79	14.40	17.50	26.03	49.35
10	5.06	7.01	8.12	8.81	9.42	10.05	11.44	12.67	14.70	16.68	20.21	30.13	55.68
20	5.72	8.03	9.27	10.02	10.69	11.36	12.89	14.22	16.38	18.74	22.64	33.81	61.16
25	5.93	8.35	9.63	10.39	11.08	11.76	13.34	14.70	16.88	19.37	23.38	34.92	62.81
40	6.03	9.01	10.37	10.37	11.27	12.59	14.26	15.67	17.93	20.66	24.89	37.20	66.11
50	6.55	9.32	10.72	11.52	12.27	12.98	14.68	16.12	18.41	21.25	25.58	39.29	67.62
100	7.15	10.27	11.77	12.62	13.42	14.15	15.97	17.48	19.83	23.04	27.67	41.40	72.10
200	7.74	11.20	12.80	13.68	14.54	15.28	17.21	18.78	21.19	24.77	29.66	44.42	76.32
1000	9.05	13.30	15.13	16.07	17.05	17.81	19.07	21.67	24.15	28.58	34.05	51.06	85.39
10000	10.87	16.23	18.35	19.37	20.52	21.28	23.73	25.56	28.05	33.73	39.92	59.93	97.16
PMP	21.44	30.76	35.67	38.58	40.72	43.28	49.68	54.96	63.90	72.60	88.54	133.47	228.71
MEAN	3.448	4.605	5.421	5.890	6.347	6.794	7.691	8.528	9.914	11.213	13.549	20.055	39.029
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.496	1.401	1.342	1.277	1.220	1.184	1.104	1.050	0.965	1.129	1.173	1.724	3.365
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.600	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.600	0.700	0.700	0.400

KURTOSIS	7.633	4.528	4.905	4.310	3.813	4.066	3.419	4.393	4.745	5.566	3.323	3.508	2.406
RECORD YEAR	75	75	74	76	76	76	76	76	76	76	76	76	77
RECORD MAXIMUM	1965	1965	1965	1965	1965	1970	1965	1970	1970	1970	1970	1970	1941
NORMALIZED MAX	3.581	3.269	3.993	3.221	3.034	3.130	2.769	3.417	3.828	4.108	3.005	3.095	2.510
CALC. COEF. VAR	.312	.312	.310	.313	.309	.315	.305	.331	.373	.383	.375	.385	.300
RECN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.368	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.0883	.1297	.1389	.1509	.1626	.1741	.1971	.2185	.2540	.2873	.3472	.5139	1.0000
RP10/A	.1296	.1900	.2081	.2258	.2414	.2576	.2931	.3245	.3765	.4274	.5179	.7721	1.4266
RP25/A	.1516	.2139	.2407	.2603	.2839	.3014	.3410	.3766	.4326	.4903	.5991	.8948	1.6092
RP50/A	.1678	.2398	.2746	.2952	.3144	.3325	.3762	.4131	.4716	.5445	.6555	.9861	1.7327
RP100/A	.1832	.2631	.3016	.3233	.3439	.3624	.4092	.4478	.5081	.5906	.7169	1.0688	1.8474
RP1000/A	.2320	.3608	.3877	.4119	.4370	.4589	.5118	.5552	.6188	.7324	.8724	1.3082	2.1878
RP10000/A	.2765	.4158	.4402	.4663	.4928	.5193	.6080	.6549	.7194	.8642	1.0228	1.5355	2.4694
PMP/A	.5495	.7881	.9139	.9885	1.0433	1.1089	1.2730	1.4083	1.6372	1.8662	2.2687	3.4197	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO.	STATION NAME		ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE		
65N ORDER SUB 400 7517 0	ROCKLIN		123	239	19	11N	07E	C M	38.703	121.241	31		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.06	2.79	3.26	3.64	4.02	4.32	4.86	5.36	6.35	7.05	8.40	11.84	22.22
5	2.77	3.83	4.47	4.97	5.46	5.83	6.57	7.22	8.50	9.51	11.33	16.07	28.72
10	3.22	4.52	5.27	5.83	6.38	6.70	7.64	8.36	9.76	11.01	13.08	18.61	32.40
20	3.65	5.10	6.01	6.63	7.24	7.67	8.61	9.39	10.88	12.37	14.68	20.88	35.39
25	3.78	5.38	6.24	6.88	7.51	7.94	8.91	9.70	11.22	12.79	15.14	21.57	36.55
40	3.84	5.81	6.72	7.00	7.84	8.50	9.52	10.34	11.91	13.64	16.11	22.97	38.47
50	4.18	6.01	6.98	7.62	8.32	8.76	9.81	10.64	12.23	14.03	16.56	23.62	39.35
100	4.86	6.62	7.63	8.35	9.00	9.55	10.67	11.54	13.18	15.21	17.91	25.97	41.93
200	4.93	7.22	8.30	9.05	9.85	10.32	11.50	12.40	14.08	16.35	19.20	27.43	44.41
1000	5.77	8.58	9.81	10.64	11.56	12.03	13.34	14.30	16.05	18.67	22.04	31.53	49.69
10000	6.93	10.46	11.90	12.82	13.91	14.37	15.88	16.87	18.86	22.27	28.84	37.01	58.53
PMP	13.67	19.84	23.12	25.93	27.39	28.22	33.18	36.28	42.46	47.93	57.32	62.42	135.08
MEAN	2.198	3.622	3.914	3.897	4.361	4.587	5.137	5.629	6.588	7.402	8.771	12.385	22.710
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.295	1.434	1.780	1.327	1.007	.858	.731	.499	.480	1.167	1.013	.963	.369
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	6.095	7.264	8.842	5.994	4.157	3.583	3.204	2.714	2.943	6.117	5.094	4.453	2.173
RECORD YEAR	72	72	72	72	72	72	72	72	72	72	72	72	72
RECORD YEAR	1963	1963	1963	1963	1963	1963	1966	1966	1911	1911	1911	1911	1967
RECORD MAXIMUM	4.080	7.100	9.100	9.500	9.300	9.500	10.640	10.710	13.350	18.850	21.220	29.330	38.430
NORMALIZED MAX	2.870	3.967	4.398	3.924	3.452	3.010	2.413	2.503	2.924	4.191	3.850	3.603	2.294
CALC. COEF. VAR	.298	.340	.361	.368	.350	.350	.360	.361	.351	.349	.369	.380	.311
RECN. COEF. VAR	.374	.371	.372	.376	.361	.358	.361	.358	.363	.363	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.0968	.1330	.1347	.1716	.1894	.2026	.2262	.2478	.2901	.3259	.3862	.5434	1.0000
RP10/A	.1419	.1991	.2319	.2567	.2811	.2969	.3364	.3581	.4300	.4849	.5762	.8194	1.4268
RP25/A	.1664	.2371	.2749	.3028	.3307	.3497	.3924	.4272	.4942	.5631	.6665	.9497	1.6092
RP50/A	.1838	.2647	.3039	.3267	.3561	.3698	.4168	.4535	.5285	.5978	.7082	1.0497	1.7327
RP100/A	.2007	.2913	.3360	.3676	.4003	.4205	.4697	.5079	.5862	.6692	.7886	1.1259	1.8474
RP1000/A	.2542	.3777	.4319	.4643	.5096	.5296	.5875	.6297	.7066	.8209	.9705	1.3884	2.1878
RP10000/A	.3051	.4669	.5239	.5683	.6123	.6327	.6979	.7428	.8215	.9804	1.1781	1.6807	2.4894
PMP/A	.6020	.8733	1.0182	1.1248	1.2130	1.2588	1.4612	1.5974	1.8695	2.1105	2.5239	3.6294	5.8600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB #00 7633 0	STATION NAME SACRAMENTO CITY NWS	ELEV 25	SEC 01	TWP 08N	RNG LOT 04E C	BWN M	LATITUDE 38.580	LONGITUDE 121.443	COUNTY CODE 34				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.98	2.57	2.90	3.17	3.41	3.68	4.06	4.46	5.17	5.73	6.86	9.74	17.74
5	2.66	3.54	3.98	4.34	4.62	4.96	5.49	6.00	6.92	7.73	9.25	13.22	22.92
10	3.10	4.18	4.69	5.09	5.40	5.78	6.38	6.95	7.95	8.96	10.69	15.31	25.86
20	3.51	4.79	5.35	5.78	6.13	6.53	7.20	7.80	8.87	10.06	11.97	17.17	28.41
25	3.64	4.98	5.56	6.00	6.36	6.76	7.45	8.07	9.14	10.40	12.36	17.74	29.17
40	3.70	5.37	5.99	6.11	6.47	7.24	7.96	8.60	9.70	11.09	13.16	18.90	30.71
50	4.02	5.55	6.19	6.65	7.04	7.46	8.19	8.85	10.13	11.41	13.53	19.43	31.41
100	4.39	6.12	6.88	7.28	7.70	8.13	8.91	9.59	10.73	12.37	14.63	21.03	33.49
200	4.75	6.67	7.39	7.90	8.34	8.78	9.61	10.31	11.47	13.30	15.68	22.57	35.43
1000	5.55	7.92	8.74	9.28	9.79	10.24	11.15	11.89	13.07	15.35	18.00	25.94	39.66
10000	6.67	9.67	10.60	11.18	11.77	12.23	13.24	14.03	15.26	18.11	21.11	30.45	45.13
PMP	13.15	18.33	20.60	22.27	23.36	24.68	27.73	30.16	34.58	38.98	46.82	67.81	106.23
MEAN	2.115	2.792	3.130	3.401	3.642	3.905	4.292	4.680	5.366	6.020	7.164	10.189	18.127
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.300	1.831	1.477	1.150	.931	.819	.764	.759	.774	.768	1.107	.808	.801
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.708	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	6.508	9.676	7.283	5.876	4.595	3.861	4.719	4.372	3.435	3.958	4.891	3.434	3.146
N	105	105	105	105	105	105	105	105	105	105	105	105	105
RECORD YEAR	1880	1880	1880	1880	1880	1880	1880	1880	1862	1862	1862	1862	1862
RECORD MAXIMUM	5.280	6.370	6.810	9.170	9.170	9.170	11.080	11.440	12.070	14.780	19.360	24.730	35.540
NORMALIZED MAX	3.780	4.743	4.453	4.283	3.974	3.491	3.990	3.354	3.069	3.472	4.058	3.440	2.822
CALC. COEF. VAR	.396	.421	.407	.396	.382	.386	.396	.400	.407	.419	.420	.413	.340
REBN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.377	.324
MEAN/A	.1167	.1540	.1727	.1876	.2069	.2154	.2368	.2582	.2980	.3321	.3952	.5621	1.0000
RP10/A	.1711	.2305	.2588	.2807	.2981	.3188	.3521	.3834	.4388	.4941	.5896	.8445	1.4266
RP25/A	.2005	.2745	.3088	.3310	.3507	.3730	.4107	.4480	.5044	.5737	.6820	.9788	1.6992
RP50/A	.2216	.3064	.3414	.3670	.3883	.4115	.4520	.4851	.5495	.6293	.7462	1.0720	1.7327
RP100/A	.2420	.3375	.3758	.4018	.4247	.4485	.4916	.5291	.5921	.6826	.8069	1.1604	1.8474
RP1000/A	.3004	.4372	.4820	.5120	.5398	.5649	.6149	.6560	.7211	.8466	.9931	1.4309	2.1878
RP10000/A	.3678	.5334	.5846	.6169	.6494	.6748	.7303	.7737	.8384	.9990	1.1843	1.6796	2.4894
PMP/A	.7257	1.0111	1.1363	1.2287	1.2887	1.3723	1.5295	1.6640	1.9078	2.1505	2.5826	3.7405	5.8800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 400 9200 8	STATION NAME VACAVILLE	ELEV 104	SEC 14	TWP 06N	RNG 01E	LOT N	BWN M	LATITUDE 38.360	LONGITUDE 121.949	COUNTY CODE 48			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.88	3.58	4.08	4.47	4.88	5.14	5.82	6.42	7.30	8.13	9.51	13.73	24.04
5	3.88	4.92	5.60	6.11	6.62	6.95	7.88	8.65	10.04	10.98	12.83	18.63	31.07
10	4.51	5.81	6.60	7.16	7.74	8.09	9.13	10.01	11.33	12.71	14.92	21.97	35.05
20	5.11	6.60	7.53	8.14	8.79	9.14	10.32	11.24	12.83	14.28	16.60	24.19	38.51
25	5.29	6.92	7.82	8.44	9.11	9.46	10.67	11.62	13.25	14.76	17.13	24.99	39.54
40	5.39	7.47	8.42	8.89	9.27	10.13	11.41	12.38	14.07	15.74	18.25	26.62	41.63
50	5.85	7.73	8.70	9.36	10.00	10.44	11.75	12.74	14.44	16.20	18.76	27.38	42.58
100	6.38	8.51	9.56	10.25	11.23	11.38	12.78	13.81	15.56	17.56	20.29	29.63	45.39
200	6.91	9.28	10.39	11.12	11.95	12.29	13.77	14.84	16.62	18.68	21.75	31.79	48.03
1000	8.08	11.03	12.28	13.06	14.02	14.33	15.98	17.12	18.95	21.78	24.97	36.54	53.76
10000	9.70	13.48	14.96	15.74	16.87	17.12	18.98	20.20	22.03	25.71	29.27	42.89	61.17
PMP	19.14	25.90	28.96	31.35	33.48	34.81	39.75	43.43	50.14	55.33	64.94	95.52	143.49
MEAN	3.077	3.884	4.401	4.786	5.219	5.465	6.153	6.739	7.779	8.546	9.937	14.353	24.572
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.081	1.276	.877	.881	1.179	1.105	.710	.655	.437	.372	.420	.723	.416
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.708	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.672	5.341	3.785	3.474	5.129	5.127	3.815	3.446	2.461	2.215	2.485	3.203	2.875
RECORD YEAR	1940	1963	1963	1963	1956	1956	1956	1956	1956	1956	1916	1941	1941
RECORD MAXIMUM	6.100	9.690	9.670	9.980	13.360	14.000	14.630	15.310	13.840	16.800	19.830	32.160	48.060
NORMALIZED MAX	2.262	3.314	3.041	2.710	3.765	3.841	3.468	3.198	2.338	2.338	2.441	2.941	2.923
CALC. COEF. VAR	.431	.434	.394	.409	.412	.412	.414	.414	.414	.414	.414	.414	.338
REBN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.377	.324
MEAN/A	.1252	.1581	.1791	.1948	.2124	.2224	.2504	.2743	.3166	.3478	.4044	.5841	1.0000
RP10/A	.1837	.2366	.2684	.2914	.3152	.3291	.3724	.4073	.4692	.5174	.6033	.8776	1.4266
RP25/A	.2133	.2817	.3192	.3430	.3708	.3850	.4344	.4727	.5394	.6008	.6978	1.0172	1.6992
RP50/A	.2319	.3145	.3510	.3810	.4105	.4288	.4811	.5185	.5877	.6522	.7438	1.1112	1.7327
RP100/A	.2598	.3464	.3889	.4172	.4490	.4631	.5199	.5621	.6332	.7148	.8257	1.2059	1.8474
RP1000/A	.3269	.4487	.4999	.5316	.5707	.5832	.6503	.6968	.7712	.8866	1.0162	1.4878	2.1878
RP10000/A	.3946	.5475	.6083	.6405	.6866	.6967	.7726	.8220	.8966	1.0461	1.1913	1.7489	2.4894
PMP/A	.7790	1.0378	1.1788	1.2757	1.3624	1.4167	1.6176	1.7876	2.0403	2.2519	2.6427	3.8873	5.8800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 9528 0	STATION NAME WERNER RANCH	ELEV 1190	SEC 21	TWP 12N	RNG LOT 08E D	ARM M	LATITUDE 38.883	LONGITUDE 121.100	COUNTY CODE 31				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.73	3.72	4.38	4.82	5.34	5.76	6.31	6.94	8.35	9.05	10.88	16.23	31.12
5	3.67	5.12	6.01	6.59	7.25	7.78	8.53	9.36	11.18	12.22	14.68	22.02	40.21
10	4.28	6.04	7.08	7.73	8.48	9.04	9.91	10.83	12.85	14.15	16.96	25.50	45.37
20	4.84	6.92	8.08	8.79	9.62	10.23	11.17	12.16	14.32	15.90	19.00	28.61	49.84
25	5.01	7.20	8.39	9.11	9.97	10.59	11.56	12.57	14.77	16.43	19.62	29.55	51.18
40	5.10	7.77	9.03	9.28	10.14	11.34	12.36	13.40	15.67	17.52	20.00	31.44	53.08
50	5.48	8.03	9.33	10.11	11.04	11.89	12.79	13.78	16.19	18.16	20.46	32.37	55.10
100	6.05	8.85	10.25	11.07	12.08	12.74	13.84	14.95	17.34	19.55	23.21	35.03	58.75
200	6.55	9.65	11.15	12.00	13.08	13.76	14.91	16.08	18.52	21.01	24.89	37.59	62.19
1000	7.66	11.46	13.18	14.10	15.35	16.05	17.31	18.53	21.11	24.25	28.57	43.20	69.58
10000	9.20	13.99	15.98	16.99	18.46	19.17	20.56	21.86	24.55	28.61	33.49	50.71	79.17
PMP	18.14	26.51	31.07	33.84	36.64	38.98	43.05	47.00	55.86	61.59	74.29	112.94	186.36
MEAN	2.917	4.038	4.721	5.166	5.712	6.119	6.664	7.293	8.667	9.511	11.368	16.970	31.803
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.420	2.294	2.195	1.932	1.537	1.138	.873	.644	.171	.191	.774	.759	.144
REGIONAL SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	6.682	10.876	9.858	7.984	5.955	4.205	3.319	2.639	1.950	2.026	3.346	3.158	1.824
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1962	1965	1956	1956	1956
RECORD MAXIMUM	5.350	9.250	11.920	13.120	13.120	13.120	13.120	13.120	13.680	15.280	22.030	31.180	43.980
NORMALIZED MAX	2.730	3.650	3.765	3.584	3.366	2.897	2.356	2.152	1.735	1.821	2.127	2.469	1.505
CALC. COEF. VAR	.306	.354	.406	.430	.432	.395	.379	.371	.333	.333	.344	.311	.254
REGR. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.0917	.1270	.1485	.1624	.1796	.1924	.2096	.2293	.2725	.2991	.3574	.5336	1.0000
RP10/A	.1345	.1901	.2225	.2430	.2665	.2847	.3117	.3406	.4040	.4450	.5333	.8017	1.4266
RP25/A	.1577	.2263	.2637	.2868	.3135	.3352	.3652	.3952	.4644	.5167	.6168	.9292	1.6092
RP50/A	.1742	.2526	.2935	.3178	.3472	.3675	.4001	.4335	.5059	.5669	.6749	1.0178	1.7327
RP100/A	.1902	.2783	.3224	.3480	.3797	.4066	.4351	.4700	.5451	.6147	.7299	1.1016	1.8474
RP1000/A	.2409	.3604	.4144	.4433	.4826	.5045	.5443	.5826	.6639	.7624	.8982	1.3584	2.1878
RP10000/A	.2891	.4390	.5026	.5342	.5806	.6027	.6466	.6873	.7719	.8856	1.0531	1.5945	2.4894
PMP/A	.5705	.8336	.9768	1.0640	1.1522	1.2256	1.3537	1.4780	1.7565	1.9365	2.3359	3.5511	5.6600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 400 9605 0	STATION NAME WHEATLAND 2NE	ELEV 105	SEC 35	TWP 14N	RNG LOT 05E D	ARM M	LATITUDE 39.028	LONGITUDE 121.300	COUNTY CODE 58				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.88	2.50	2.84	3.10	3.35	3.62	4.01	4.45	5.15	5.70	7.13	10.62	19.06
5	2.52	3.44	3.90	4.24	4.54	4.89	5.43	6.00	6.89	7.69	9.61	13.60	24.63
10	2.93	4.06	4.59	4.98	5.31	5.69	6.31	6.95	7.92	8.90	11.10	15.74	27.79
20	3.32	4.65	5.24	5.66	6.03	6.43	7.11	7.86	8.93	10.00	12.44	17.66	30.53
25	3.44	4.84	5.44	5.87	6.25	6.66	7.36	8.06	9.10	10.34	12.84	18.24	31.35
40	3.50	5.22	5.86	6.27	6.66	7.13	7.86	8.60	9.66	11.02	13.67	19.43	33.00
50	3.80	5.40	6.05	6.51	6.92	7.34	8.10	8.84	9.92	11.34	14.05	19.98	33.75
100	4.15	5.95	6.65	7.12	7.57	8.01	8.81	9.59	10.69	12.30	15.20	21.63	35.99
200	4.49	6.49	7.23	7.73	8.20	8.65	9.49	10.30	11.42	13.22	16.29	23.20	38.49
1000	5.25	7.70	8.55	9.08	9.62	10.08	11.02	11.89	13.01	15.25	18.70	26.67	42.62
10000	6.31	9.40	10.37	10.94	11.57	12.04	13.09	14.02	15.13	18.00	21.93	31.30	46.50
PMP	12.44	17.82	20.15	21.78	22.96	24.49	27.40	30.15	34.43	38.74	48.64	69.71	114.16
MEAN	2.001	2.714	3.062	3.326	3.579	3.845	4.242	4.678	5.342	5.984	7.443	10.475	19.481
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.567	3.164	3.015	2.662	2.303	1.860	1.558	1.236	.848	.594	.819	1.292	.633
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	10.880	14.919	14.286	12.108	9.785	7.341	5.837	4.203	2.945	2.413	2.846	4.001	2.082
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1969	1956	1956	1969
RECORD MAXIMUM	4.560	8.020	9.220	9.360	9.360	9.360	9.360	9.360	9.360	9.360	12.680	18.080	29.550
NORMALIZED MAX	2.492	3.572	3.685	3.626	3.465	3.191	3.034	2.643	2.159	1.994	2.118	2.311	1.832
CALC. COEF. VAR	.442	.547	.546	.562	.468	.451	.399	.380	.350	.327	.332	.314	.282
REGR. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	.1027	.1393	.1572	.1707	.1837	.1974	.2177	.2401	.2742	.3072	.3821	.5377	1.0000
RP10/A	.1566	.2086	.2355	.2554	.2727	.2921	.3239	.3566	.4065	.4570	.5700	.8079	1.4266
RP25/A	.1765	.2483	.2792	.3012	.3207	.3417	.3777	.4139	.4672	.5306	.6593	.9364	1.6092
RP50/A	.1951	.2772	.3107	.3340	.3552	.3770	.4155	.4540	.5091	.5822	.7214	1.0258	1.7327
RP100/A	.2130	.3053	.3413	.3637	.3884	.4169	.4521	.4922	.5485	.6313	.7802	1.1101	1.8474
RP1000/A	.2687	.3955	.4387	.4659	.4937	.5175	.5555	.6011	.6680	.7830	.9601	1.3689	2.1878
RP10000/A	.3237	.4826	.5321	.5614	.5939	.6183	.6718	.7197	.7767	.9239	1.1256	1.6609	2.4894
PMP/A	.6388	.9147	1.0342	1.1182	1.1786	1.2572	1.4066	1.5477	1.7674	1.9888	2.4969	3.5786	5.8600

PEARSON TYPE III DISTRIBUTION ESTIMATE
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE														
STATION NO. 85N ORDER SUB 400 9606 0	STATION NAME WHEATLAND CALPAK	ELEV 150	SEC 77	TWP 08	RNG LOT 13N 05E L	8MM M	LATITUDE 38.990	LONGITUDE 121.442	COUNTY CODE 51					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	2.28	3.01	3.41	3.74	3.97	4.41	4.79	5.15	5.83	6.31	7.62	10.93	19.86	
5	3.07	4.14	4.69	5.11	5.39	5.94	6.48	6.94	7.68	8.52	10.28	14.84	25.67	
10	3.57	4.89	5.52	6.00	6.30	6.94	7.53	8.04	8.96	9.86	11.88	17.18	28.96	
20	4.04	5.60	6.30	6.82	7.15	7.84	8.49	9.02	9.99	11.08	13.30	19.27	31.82	
25	4.18	5.82	6.54	7.07	7.41	8.12	8.79	9.32	10.30	11.45	13.74	19.91	32.67	
40	4.25	6.28	7.04	7.29	7.54	8.49	9.39	9.94	10.94	12.21	14.62	21.21	34.39	
50	4.32	6.50	7.28	7.84	8.21	8.95	9.67	10.23	11.23	12.57	15.03	21.81	35.18	
100	5.05	7.16	8.00	8.58	8.98	9.76	10.52	11.09	12.10	13.63	16.26	23.60	37.50	
200	5.46	7.81	8.70	9.31	9.73	10.54	11.34	11.92	12.92	14.65	17.43	25.32	39.70	
1000	6.39	9.27	10.28	10.94	11.41	12.29	13.16	13.75	14.73	16.90	20.01	29.11	44.42	
10000	7.67	11.32	12.47	13.18	13.73	14.69	15.63	16.21	17.13	19.94	23.46	34.18	50.54	
PMP	15.14	21.45	24.23	26.25	27.24	29.06	32.72	34.87	38.98	42.93	52.03	76.08	118.96	
MEAN	2.434	3.267	3.682	4.007	4.246	4.688	5.066	5.410	6.048	6.630	7.962	11.433	20.301	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.196	2.249	2.554	2.290	2.077	1.628	1.483	1.305	1.025	0.882	1.584	1.470	1.935	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
KURTOSIS	5.136	9.368	11.782	10.163	8.399	6.393	5.573	4.988	3.883	3.471	6.976	5.702	3.138	
N	26	26	26	26	26	26	26	26	26	26	26	26	26	
RECORD YEAR	1963	1963	1963	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	
RECORD MAXIMUM	4.650	6.510	10.500	10.630	10.630	10.630	10.860	11.090	11.670	12.000	16.800	23.000	32.500	
NORMALIZED MAX	2.324	3.248	3.676	3.102	3.398	2.908	2.742	2.702	2.951	3.380	3.060	2.207	2.270	
CALC. COEF. VAR	.392	.494	.504	.458	.444	.425	.417	.389	.357	.319	.324	.332	.324	
REGN. COEF. VAR	.348	.371	.372	.370	.381	.358	.364	.383	.363	.365	.369	.377	.324	
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324	
MEAN/A	.1199	.1609	.1814	.1974	.2092	.2309	.2495	.2665	.2979	.3266	.3922	.5632	1.0000	
RP10/A	.1758	.2409	.2718	.2953	.3104	.3417	.3711	.3958	.4418	.4859	.5540	.8485	1.4286	
RP25/A	.2061	.2808	.3222	.3432	.3591	.3988	.4291	.4593	.5076	.5642	.6768	.9807	1.6092	
RP50/A	.2277	.3202	.3586	.3862	.4043	.4411	.4764	.5038	.5510	.6190	.7404	1.0741	1.7327	
RP100/A	.2487	.3527	.3939	.4228	.4422	.4808	.5181	.5462	.5958	.6712	.8008	1.1626	1.8474	
RP1000/A	.3149	.4588	.5062	.5387	.5620	.6055	.6481	.6771	.7257	.8325	.9855	1.4337	2.1878	
RP10000/A	.3779	.5574	.6140	.6491	.6762	.7234	.7699	.7967	.8637	.9823	1.1554	1.6829	2.4894	
PMP/A	.7457	1.0506	1.1934	1.2930	1.3418	1.4710	1.6120	1.7176	1.9200	2.1148	2.5628	3.7478	5.8600	

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE														
STATION NO. 85N ORDER SUB 400 9699 0	STATION NAME WILLOWS	ELEV 155	SEC 140	TWP 09	RNG LOT 19N 03W	8MM M	LATITUDE 39.533	LONGITUDE 122.200	COUNTY CODE 11					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	2.01	2.52	2.79	2.93	3.18	3.36	3.77	4.08	4.76	5.13	6.31	8.98	16.59	
5	2.69	3.47	3.82	4.00	4.30	4.54	5.10	5.50	6.37	6.93	8.51	12.18	21.45	
10	3.14	4.10	4.50	4.70	5.02	5.29	5.93	6.36	7.32	8.02	9.83	14.10	24.19	
20	3.55	4.69	5.14	5.34	5.70	5.98	6.68	7.14	8.16	9.01	11.01	15.82	26.58	
25	3.68	4.88	5.34	5.54	5.91	6.19	6.91	7.38	8.42	9.32	11.37	16.35	27.29	
40	3.74	5.26	5.75	5.63	6.01	6.27	7.39	7.87	8.93	9.94	12.10	17.41	28.73	
50	4.08	5.44	5.94	6.14	6.54	6.83	7.61	8.10	9.17	10.22	12.44	17.90	29.39	
100	4.44	6.00	6.52	6.72	7.16	7.44	8.27	8.78	9.88	11.09	13.45	19.38	31.33	
200	4.80	6.54	7.09	7.29	7.75	8.04	8.92	9.43	10.55	11.91	14.42	20.79	33.18	
1000	5.62	7.77	8.38	8.56	9.09	9.37	10.35	10.88	12.03	13.75	16.55	23.90	37.10	
10000	6.74	9.48	10.17	10.32	10.94	11.20	12.29	12.84	13.99	16.22	19.41	28.05	42.22	
PMP	13.30	17.97	19.76	20.56	21.71	22.77	25.74	27.80	31.83	34.92	43.05	62.47	91.38	
MEAN	2.139	2.737	3.003	3.138	3.384	3.574	3.984	4.283	4.939	5.394	6.588	9.387	16.960	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	.714	.812	.851	.833	.814	.793	.752	.714	.633	.573	.603	.537	1.327	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
KURTOSIS	3.104	4.406	3.499	3.734	3.417	3.176	3.490	3.423	2.715	2.733	4.020	4.799	5.225	
N	73	73	73	73	73	73	73	73	73	73	73	73	73	
RECORD YEAR	1925	1934	1934	1934	1934	1934	1926	1941	1941	1941	1941	1941	1941	
RECORD MAXIMUM	3.800	5.480	5.610	6.270	6.270	6.270	7.770	6.170	9.150	10.010	14.810	23.370	40.400	
NORMALIZED MAX	2.224	2.864	2.699	3.097	2.419	2.831	2.747	2.550	2.438	3.132	3.753	3.804	3.732	
CALC. COEF. VAR	.349	.348	.322	.320	.316	.312	.336	.330	.334	.351	.398	.397	.363	
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324	
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324	
MEAN/A	.1261	.1614	.1771	.1850	.1996	.2108	.2349	.2525	.2912	.3180	.3884	.5935	1.0000	
RP10/A	.1850	.2415	.2654	.2768	.2962	.3119	.3494	.3750	.4317	.4732	.5795	.8317	1.4266	
RP25/A	.2168	.2876	.3146	.3285	.3484	.3649	.4075	.4352	.4962	.5494	.6703	.9639	1.6092	
RP50/A	.2396	.3210	.3501	.3620	.3858	.4026	.4485	.4774	.5406	.6029	.7334	1.0557	1.7327	
RP100/A	.2616	.3538	.3845	.3964	.4219	.4398	.4878	.5175	.5825	.6538	.7931	1.1827	1.8474	
RP1000/A	.3312	.4580	.4943	.5050	.5362	.5526	.6101	.6416	.7408	.8107	.9761	1.4091	2.1870	
RP10000/A	.3976	.5588	.5995	.6085	.6451	.6602	.7248	.7568	.8248	.9568	1.1444	1.6540	2.4894	
PMP/A	.7845	1.0593	1.1652	1.2120	1.2802	1.3425	1.5175	1.6275	1.8769	2.0593	2.5384	3.6836	5.8600	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY				
A00 9742 12	WINTERS 3NE	156	116	13	08N 01 W	F M	38.540	121.925	57				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.37	3.01	3.37	3.59	3.67	4.19	4.58	4.92	5.66	6.27	7.19	10.24	17.88
5	3.18	4.14	4.62	4.90	5.25	5.65	6.20	6.63	7.98	8.66	9.70	13.90	23.11
10	3.70	4.89	5.44	5.75	6.14	6.58	7.20	7.68	9.71	9.80	11.20	16.09	26.07
20	4.19	5.60	6.21	6.54	6.97	7.43	8.12	8.62	9.71	11.01	12.55	18.05	28.64
25	4.34	5.82	6.45	6.78	7.22	7.70	8.40	8.91	10.01	11.39	12.96	18.65	29.41
40	4.41	6.28	6.95	6.90	7.35	8.24	8.98	9.50	10.63	12.13	13.80	19.87	30.66
50	4.78	6.80	7.18	7.52	8.00	8.49	9.25	9.77	10.91	12.48	14.18	20.43	31.66
100	5.23	7.16	7.89	8.23	8.75	9.26	10.06	10.56	11.75	13.53	15.31	22.11	33.76
200	5.66	7.81	8.58	8.93	9.48	10.00	10.84	11.39	12.56	14.55	16.44	23.72	35.73
1000	6.63	9.27	10.14	10.49	11.12	11.66	12.58	13.14	14.31	16.79	18.87	27.27	39.98
10000	7.95	11.32	12.30	12.64	13.37	13.93	14.94	15.50	16.84	19.81	22.13	32.01	45.49
PMP	15.69	21.45	23.90	25.17	26.54	28.32	31.29	33.32	37.87	42.64	49.08	71.28	107.08
MEAN	2.523	3.267	3.633	3.843	4.137	4.444	4.843	5.170	5.876	6.586	7.510	10.710	18.273
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.006	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.256	1.749	1.539	1.500	1.742	1.441	1.380	1.307	1.015	.684	.818	.775	1.042
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400

KURTOSIS	4.873	6.866	5.556	5.287	6.942	6.110	5.719	5.035	3.784	3.106	3.983	3.429	3.910
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1970	1950	1958	1958	1950	1950	1950	1950	1958	1958	1941	1941	1941
RECORD MAXIMUM	5.370	6.130	6.340	6.560	11.090	11.530	12.480	12.070	13.320	13.660	16.040	23.010	37.670
NORMALIZED MAX	2.919	3.297	2.925	3.162	3.646	3.534	3.488	3.247	2.842	2.509	2.740	2.740	2.880
CALC. COEF. VAR	.448	.373	.443	.470	.461	.451	.452	.459	.446	.428	.415	.419	.379
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.363	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.363	.369	.377	.324
MEAN/A	.1381	.1788	.1988	.2103	.2264	.2433	.2651	.2830	.3216	.3604	.4110	.5861	1.0000
RP10/A	.2025	.2676	.2979	.3147	.3360	.3601	.3942	.4202	.4767	.5362	.6131	.8807	1.4266
RP25/A	.2374	.3187	.3532	.3711	.3953	.4213	.4596	.4877	.5479	.6226	.7092	1.0207	1.6092
RP50/A	.2823	.3857	.3930	.4115	.4377	.4644	.5061	.5349	.5970	.6831	.7760	1.1179	1.7327
RP100/A	.2864	.3918	.4317	.4505	.4787	.5066	.5504	.5799	.6432	.7407	.8392	1.2100	1.8474
RP1000/A	.3627	.5075	.5549	.5740	.6084	.6380	.6884	.7189	.7833	.9187	1.0328	1.4921	2.1878
RP10000/A	.4353	.6193	.6730	.6916	.7319	.7622	.8178	.8436	.9108	1.0840	1.2108	1.7515	2.4894
PMP/A	.8589	1.1739	1.3061	1.3776	1.4524	1.5500	1.7122	1.8236	2.0728	2.3335	2.6958	3.7007	5.8660

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB A00 9745 0	STATION NAME WINTERS WOLFSKILL RANCH	ELEV 137	SEC 33	TWP 08N	RNG LOT 01W 8	BM M	LATITUDE 38.500	LONGITUDE 121.969	COUNTY CODE 48				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	200	300	600	F YR	
2	2.99	3.62	4.13	4.43	4.74	4.97	5.55	5.89	7.31	8.60	12.67	20.44	
5	4.01	4.96	5.47	5.77	6.06	6.31	7.04	7.37	9.00	10.61	16.14	26.67	
10	4.67	5.88	6.40	7.11	7.52	7.81	8.72	9.19	11.27	13.49	19.90	30.40	
20	5.28	6.74	7.02	8.08	8.53	8.82	9.03	10.32	12.57	15.17	22.33	33.74	
25	5.47	7.01	7.92	8.38	8.85	9.13	10.17	10.67	12.96	15.68	23.07	34.76	
40	5.57	7.50	8.52	8.53	9.00	9.78	10.87	11.38	13.78	16.73	24.57	36.53	
50	6.09	7.82	8.81	9.29	9.79	10.68	11.19	11.70	14.13	17.22	25.26	37.78	
100	6.61	8.61	9.08	10.17	10.71	10.98	12.17	12.69	15.22	18.68	27.35	40.66	
200	7.15	9.39	10.52	11.03	11.61	11.86	13.12	13.63	16.27	20.08	29.34	43.40	
1000	8.36	11.10	12.44	12.96	13.61	13.83	15.23	15.73	18.55	23.19	33.72	49.44	
10000	10.04	13.61	15.08	15.62	16.39	16.53	18.09	18.55	21.57	27.39	39.58	57.51	
PMP	19.81	25.81	29.32	31.11	32.50	33.60	37.87	39.40	49.14	59.06	88.15	124.42	
MEAN	3.185	3.931	4.456	4.749	5.067	5.275	5.862	6.190	7.590	9.037	13.246	21.233	
CLOCK HR. COR.	1.140	1.070	1.050	1.040	1.030	1.020	1.020	1.010	1.010	1.000	1.000	1.000	
CALCULATED SKEW	1.421	1.714	1.429	1.439	1.914	1.800	1.620	1.545	.648	.721	.653	1.025	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	
KURTOSIS	5.026	6.268	5.255	5.118	7.922	7.803	7.287	6.743	3.517	4.228	3.486	3.854	
N	25	25	25	25	25	25	25	25	25	25	25	25	
RECORD YEAR	1956	1956	1963	1956	1956	1956	1956	1956	1956	1941	1941	1941	
RECORD MAXIMUM	6.530	8.580	8.830	10.310	12.660	12.890	13.980	14.420	15.270	17.730	27.080	43.080	
NORMALIZED MAX	2.100	2.764	2.630	2.630	3.245	3.245	3.245	3.245	3.245	3.245	3.245	3.245	
CALC. COEF. VAR	.465	.426	.414	.445	.462	.439	.428	.420	.410	.400	.425	.397	
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.324	
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.365	.369	.377	.324	
MEAN/A	.1500	.1851	.2099	.2237	.2386	.2405	.2761	.2915	.3574	.4256	.6238	1.0000	
RP10/A	.2200	.2771	.3145	.3347	.3541	.3677	.4166	.4330	.5368	.6355	.9373	1.4319	
RP25/A	.2370	.3299	.3728	.3947	.4168	.4301	.4769	.5025	.6104	.7366	1.0864	1.6372	
RP50/A	.2849	.3683	.4149	.4376	.4613	.4746	.5271	.5511	.6693	.8108	1.1899	1.7798	
RP100/A	.3111	.4057	.4557	.4791	.5045	.5173	.5733	.5975	.7169	.8796	1.2879	1.9148	
RP1000/A	.3539	.4585	.5109	.5342	.5612	.5815	.6412	.6715	.8007	1.0222	1.5882	2.3285	
RP10000/A	.4728	.6412	.7104	.7356	.7714	.7933	.8737	.9139	1.0862	1.4042	2.7087	4.0000	
PMP/A	.9329	1.2153	1.3808	1.4651	1.5308	1.5627	1.7839	1.8749	2.3144	2.7813	4.4117	5.8600	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB 400 9761 0	STATION NAME WOODLAND JMW	ELEV 150	SEC 68	TWP 30	RNG LOT 10N 02E L	BWM M	LATITUDE 38.693	LONGITUDE 121.793	COUNTY CODE 57				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.86	2.44	2.80	2.98	3.29	3.52	3.92	4.28	5.07	5.54	6.55	9.44	16.75
5	2.50	3.36	3.85	4.08	4.47	4.75	5.30	5.77	6.78	7.47	8.93	12.80	21.95
10	2.91	3.97	4.53	4.76	5.22	5.53	6.16	6.66	7.79	8.65	10.20	14.82	24.42
20	3.29	4.54	5.17	5.44	5.92	6.24	6.95	7.50	8.69	9.72	11.43	16.63	26.93
25	3.41	4.72	5.37	5.64	6.14	6.47	7.19	7.75	8.96	10.05	11.80	17.10	27.55
40	3.46	5.09	5.70	5.74	6.25	6.92	7.88	8.62	9.51	10.72	12.56	18.30	29.06
50	3.56	5.27	5.90	6.06	6.25	6.92	7.91	8.62	9.51	11.02	12.91	18.82	29.66
100	4.11	5.80	6.57	6.85	7.44	7.76	8.60	9.22	10.51	11.95	13.90	20.37	31.63
200	4.45	6.33	7.14	7.43	8.00	8.40	9.27	9.90	11.23	12.85	14.97	21.05	33.48
1000	5.20	7.32	8.44	8.73	9.46	9.79	10.76	11.43	12.81	14.83	17.18	25.12	37.40
10000	6.25	9.17	10.24	10.51	11.38	11.70	12.78	13.48	14.89	17.50	20.15	29.48	42.62
PMP	12.33	17.39	19.90	20.94	22.57	23.79	26.76	28.98	33.68	37.60	44.69	65.66	100.33
MEAN	1.982	2.649	3.025	3.197	3.519	3.734	4.143	4.497	5.257	5.817	6.938	9.866	17.121
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.540	1.013	1.075	.929	.949	.750	1.121	.963	.802	.659	.638	.650	.585
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.700	.400	.400
KURTOSIS	2.865	4.156	5.038	3.800	3.837	3.577	4.498	3.818	2.483	3.043	3.208	2.853	2.833
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1956	1956	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	3.260	5.480	6.620	6.910	7.440	7.790	9.130	9.478	9.930	12.540	13.610	19.671	33.520
NORMALIZED MAX	1.932	2.690	3.138	3.005	2.879	2.897	3.032	2.786	2.274	2.914	2.955	2.440	2.754
CALC. COEF. VAR	.324	.370	.365	.368	.367	.367	.397	.397	.391	.397	.382	.407	.346
REGN. COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.358	.364	.363	.363	.365	.369	.377	.324
MEAN/A	1.157	1.547	1.767	1.867	2.055	2.181	2.240	2.267	2.307	2.397	2.399	2.576	1.0090
RP10/A	1.698	2.216	2.648	2.796	3.050	3.228	3.599	3.901	4.551	5.055	5.958	8.858	14.206
RP25/A	1.989	2.757	3.139	3.296	3.589	3.716	4.197	4.527	5.059	5.692	6.692	10.035	16.892
RP50/A	2.199	3.078	3.493	3.653	3.973	4.166	4.620	4.955	5.760	6.439	7.541	10.991	17.327
RP100/A	2.401	3.390	3.836	4.008	4.345	4.481	5.024	5.383	6.014	6.982	8.155	11.897	18.874
RP1000/A	3.040	4.392	4.931	5.097	5.523	5.719	6.284	6.733	7.479	8.861	1.0837	1.4070	2.1676
RP10000/A	3.649	5.359	5.981	6.141	6.644	6.853	7.466	7.872	8.696	1.0219	1.1766	1.7220	2.4884
PMP/A	7.199	1.0158	1.1024	1.2232	1.3185	1.3894	1.5631	1.6928	1.8769	2.1996	2.6100	3.6349	5.8600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB 400 9763	STATION NAME WOODLAND RUNSEY	ELEV 93	SEC 26	TWP 10N	RNG LOT 01E P	BWM M	LATITUDE 38.682	LONGITUDE 121.830	COUNTY CODE 57				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.05	2.35	2.83	3.03	3.26	3.53	3.85	4.13	4.77	5.16	6.33	9.13	16.65
5	2.49	3.23	3.68	4.14	4.42	4.77	5.21	5.56	6.39	6.96	8.55	12.39	21.52
10	2.90	3.82	4.37	4.68	5.17	5.56	6.05	6.44	7.34	8.06	9.87	14.34	24.28
20	3.26	4.37	5.21	5.51	5.87	6.28	6.82	7.23	8.18	9.05	11.05	16.69	28.67
25	3.39	4.55	5.42	5.72	6.09	6.50	7.04	7.47	8.43	9.36	11.42	16.62	27.38
40	3.45	4.91	5.83	6.12	6.19	6.96	7.54	7.97	8.95	9.98	12.15	17.71	28.63
50	3.75	5.07	6.03	6.34	6.74	7.17	7.77	8.20	9.19	10.27	12.49	18.21	29.49
100	4.10	5.59	6.62	6.94	7.37	7.82	8.45	8.89	9.90	11.13	13.51	19.71	31.44
200	4.45	6.04	7.20	7.53	7.98	8.44	9.11	9.55	10.58	11.97	14.49	21.14	33.26
1000	5.19	7.24	8.51	8.85	9.37	9.85	10.57	11.01	12.06	13.61	16.63	24.30	37.23
10000	6.22	8.63	10.32	10.66	11.27	11.76	12.55	12.99	14.02	16.30	19.49	28.53	42.36
PMP	12.26	16.75	20.06	21.24	22.36	23.52	26.28	27.94	31.90	35.08	43.24	63.53	96.72
MEAN	1.974	2.551	3.048	3.242	3.466	3.755	4.069	4.335	4.950	5.417	6.617	9.546	17.017
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.064	2.012	1.025	1.303	1.406	1.152	1.333	1.327	1.026	0.910	1.375	1.238	1.432
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.700	.400	.400
KURTOSIS	2.917	7.554	6.479	5.020	5.618	5.064	5.579	5.150	3.715	3.273	5.192	4.191	4.604
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1956	1956	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	3.030	5.430	6.510	6.560	7.280	7.280	8.710	9.080	9.900	9.820	12.780	18.350	33.190
NORMALIZED MAX	1.056	2.020	2.910	2.560	2.669	2.844	3.096	2.939	2.514	2.220	2.759	2.515	2.768
CALC. COEF. VAR	.323	.387	.390	.396	.379	.366	.368	.373	.366	.365	.337	.367	.343
REGN. COEF. VAR	.348	.371	.372	.370	.361	.356	.364	.363	.363	.365	.369	.377	.324
USED COEF. VAR	.348	.371	.372	.370	.361	.356	.364	.363	.363	.365	.369	.377	.324
MEAN/A	1.160	1.499	1.791	1.935	2.066	2.207	2.351	2.548	2.969	3.183	3.886	5.519	1.0000
RP10/A	1.702	2.244	2.685	2.850	3.040	3.265	3.592	3.764	4.312	4.756	5.801	8.429	14.266
RP25/A	1.994	2.671	3.183	3.341	3.576	3.820	4.148	4.391	4.956	5.409	6.710	9.769	16.692
RP50/A	2.224	2.982	3.542	3.727	3.960	4.215	4.565	4.816	5.400	6.034	7.341	10.700	17.327
RP100/A	2.406	3.205	3.870	4.081	4.331	4.594	4.965	5.221	5.818	6.543	7.749	11.151	18.874
RP1000/A	3.047	4.855	5.606	5.819	5.804	6.410	6.710	7.086	8.115	8.771	10.291	14.291	21.078
RP10000/A	3.657	5.391	6.085	6.265	6.622	6.912	7.377	7.639	8.238	9.576	11.455	16.763	24.894
PMP/A	7.217	9.846	11.787	12.249	13.140	14.055	15.946	16.840	18.747	20.613	25.540	37.333	58.600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 5 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. RSN ORDER SUB 400 9837 0	STATION NAME YOLO		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE		
			75	12	10N	01E	A	M	36.733	121.864	CO	57	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.80	2.27	2.64	2.85	3.12	3.40	3.77	4.16	4.65	5.24	6.29	8.91	15.78
5	2.42	3.11	3.62	3.90	4.23	4.59	5.10	5.60	6.49	7.08	8.49	12.09	26.39
10	2.82	3.68	4.26	4.57	4.95	5.35	5.93	6.48	7.45	8.20	9.81	14.00	23.01
20	3.19	4.21	4.87	5.20	5.62	6.04	6.69	7.28	8.31	9.21	10.99	15.71	25.28
25	3.30	4.38	5.05	5.39	5.83	6.26	6.92	7.52	8.57	9.52	11.34	16.23	25.96
40	3.36	4.73	5.44	5.49	5.93	6.70	7.39	8.02	9.10	10.15	12.08	17.28	27.32
50	3.65	4.89	5.62	5.98	6.45	6.96	7.61	8.25	9.34	10.44	12.41	17.77	27.95
100	3.98	5.38	6.18	6.55	7.05	7.53	8.28	8.94	10.06	11.32	13.42	19.24	29.60
200	4.31	5.87	6.72	7.10	7.84	8.13	8.92	9.61	10.75	12.16	14.39	20.64	31.54
1000	5.04	6.97	7.94	8.35	8.97	9.48	10.36	11.09	12.25	14.04	16.52	23.72	35.29
10000	6.05	8.51	9.63	10.06	10.79	11.32	12.30	13.08	14.24	16.57	19.37	27.84	40.15
PMP	11.95	16.13	18.72	20.03	21.41	23.02	25.76	28.13	32.41	35.67	42.96	62.01	94.51
MEAN	1.921	2.457	2.844	3.058	3.337	3.615	3.988	4.364	5.029	5.509	6.574	9.318	16.129
CLOCK HR. COR.	1.140	1.670	1.801	1.820	1.810	1.810	1.800	1.800	1.800	1.800	1.800	1.800	1.800
CALCULATED SKEW	1.177	1.268	1.183	1.012	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051	1.051
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	2.582	6.252	5.400	4.431	4.660	4.119	4.825	4.407	2.745	2.787	4.155	2.838	4.174
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1958	1958	1958	1958	1958	1958	1958	1958	1958	1958	1958	1958	1958
RECORD MAXIMUM	2.700	5.190	5.750	6.380	7.180	7.610	8.690	9.090	9.390	9.720	12.400	17.820	32.600
NORMALIZED MAX	1.298	3.608	2.856	2.817	3.030	2.911	3.077	2.842	2.212	2.002	2.538	2.111	2.831
CALC. COEF. VAR	0.313	0.376	0.358	0.386	0.380	0.380	0.383	0.381	0.392	0.382	0.349	0.432	0.361
REGR. COEF. VAR	0.348	0.371	0.372	0.370	0.361	0.358	0.364	0.363	0.365	0.365	0.369	0.377	0.384
USED COEF. VAR	0.348	0.371	0.372	0.370	0.361	0.358	0.364	0.363	0.365	0.365	0.369	0.377	0.384
MEAN/A	1.191	1.523	1.764	1.896	2.069	2.241	2.472	2.706	3.118	3.416	4.076	5.777	1.0000
RP10/A	1.746	2.280	2.643	2.836	3.070	3.316	3.677	4.019	4.622	5.082	6.080	8.080	1.4266
RP25/A	2.047	2.715	3.133	3.345	3.612	3.880	4.289	4.694	5.313	5.901	7.034	1.0060	1.6962
RP50/A	2.262	3.030	3.487	3.709	3.999	4.281	4.721	5.115	5.789	6.474	7.695	1.0109	1.7327
RP100/A	2.470	3.338	3.830	4.061	4.374	4.666	5.134	5.566	6.237	7.020	8.322	1.1926	1.6474
RP1000/A	3.127	4.324	4.922	5.174	5.558	5.876	6.422	6.875	7.596	8.707	1.0242	1.4707	2.1878
RP10000/A	3.754	5.276	5.970	6.234	6.608	7.026	7.628	8.110	8.831	1.0274	1.2008	1.7263	2.4894
PMP/A	7.047	1.0001	1.1604	1.2418	1.3272	1.4276	1.5972	1.7440	2.0097	2.2117	2.6635	3.8446	5.6800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 410 29 0	STATION NAME ADIN RANGER STATION		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY		
			4193	26	39N	09E	O	M	41.383	120.917	COO	25	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.19	1.54	1.73	1.87	1.99	2.08	2.37	2.61	3.06	3.37	4.00	5.76	15.43
5	1.66	2.21	2.54	2.79	2.96	3.06	3.38	3.69	4.20	4.59	5.32	7.61	19.37
10	1.97	2.68	3.11	3.44	3.66	3.77	4.08	4.43	4.94	5.39	6.17	8.79	21.59
20	2.26	3.13	3.67	4.09	4.36	4.46	4.75	5.15	5.64	6.13	6.96	9.87	23.74
25	2.35	3.27	3.84	4.29	4.58	4.67	4.96	5.37	5.86	6.38	7.20	10.20	24.36
40	2.54	3.66	4.21	4.72	5.05	5.13	5.40	5.84	6.31	6.87	7.32	10.89	25.62
50	2.63	3.70	4.38	4.92	5.27	5.35	5.61	6.07	6.52	7.09	7.94	11.21	26.20
100	2.90	4.13	4.91	5.54	5.95	6.02	6.25	6.74	7.17	7.78	8.66	12.17	27.94
200	3.16	4.55	5.44	6.16	6.63	6.68	6.88	7.42	7.79	8.46	9.36	13.11	29.59
1000	3.77	5.51	6.64	7.58	8.19	8.21	8.32	8.95	9.21	9.98	10.92	15.21	33.20
10000	4.66	6.86	8.34	9.80	10.42	10.36	10.34	11.10	11.18	12.09	13.08	18.08	37.98
PMP	6.76	12.60	15.04	16.98	18.00	18.28	19.93	20.25	21.73	23.42	25.45	36.30	81.57
MEAN	1.299	1.711	1.956	2.133	2.283	2.363	2.626	2.892	3.295	3.626	4.257	6.086	15.870
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.576	2.384	3.116	3.593	3.810	3.659	3.122	2.491	2.092	2.063	1.546	1.258	1.516
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	1.000
USED COEF.	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	1.000
KURTOSIS	6.471	9.894	14.594	18.329	18.757	19.097	15.116	10.129	7.543	7.341	5.760	4.098	2.796
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1969	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	2.360	4.290	6.470	8.130	8.960	9.310	9.450	9.450	9.630	9.870	10.000	11.900	24.440
NORMALIZED MAX	2.564	3.397	4.116	4.541	4.638	4.660	4.437	3.907	3.533	3.450	3.229	2.507	2.186
CALC. COEF. VAR	0.446	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481
REGR. COEF. VAR	0.363	0.424	0.446	0.464	0.459	0.449	0.414	0.400	0.373	0.364	0.335	0.331	0.276
USED COEF. VAR	0.363	0.424	0.446	0.464	0.459	0.449	0.414	0.400	0.373	0.364	0.335	0.331	0.276
MEAN/A	0.819	1.078	1.232	1.344	1.439	1.489	1.655	1.822	2.076	2.285	2.682	3.835	1.0000
RP10/A	1.239	1.688	1.963	2.170	2.308	2.374	2.568	2.794	3.115	3.399	3.987	5.536	1.6667
RP25/A	1.480	2.059	2.421	2.703	2.887	2.945	3.125	3.387	3.693	4.021	4.593	6.627	1.5352
RP50/A	1.658	2.333	2.740	3.019	3.319	3.376	3.534	3.822	4.111	4.448	5.005	7.061	1.9512
RP100/A	1.826	2.601	3.094	3.492	3.749	3.791	3.936	4.250	4.516	4.944	5.546	7.671	1.7684
RP1000/A	2.072	3.471	4.184	4.779	5.164	5.170	5.240	5.538	5.806	6.289	6.882	9.906	2.0918
RP10000/A	2.901	4.321	5.254	6.048	6.566	6.570	6.513	6.893	7.043	7.617	8.240	1.1398	2.3930
PMP/A	5.522	7.937	9.476	10.699	11.343	11.316	11.930	12.757	13.694	14.758	16.161	2.2874	5.1460

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB			STATION NAME		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE	
410	161	0	ALTURAS RS		1	4365	13	42N	12E	M	41.483	120.533	25	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
2		1.10	1.30	1.38	1.45	1.54	1.63	1.87	2.01	2.41	2.73	3.26	4.60	12.21
5		1.52	1.87	2.03	2.17	2.25	2.40	2.67	2.84	3.31	3.73	4.34	6.06	15.32
10		1.81	2.26	2.49	2.68	2.83	2.95	3.22	3.41	3.90	4.38	5.03	7.02	17.16
20		2.08	2.64	2.93	3.18	3.37	3.49	3.75	3.96	4.45	4.99	5.67	7.88	18.78
25		2.16	2.76	3.07	3.34	3.54	3.66	3.92	4.14	4.63	5.18	5.87	8.14	19.27
40		2.33	3.00	3.36	3.62	3.82	4.02	4.27	4.50	4.98	5.57	6.32	8.69	20.27
50		2.42	3.12	3.50	3.83	4.07	4.19	4.43	4.67	5.15	5.76	6.48	8.95	20.73
100		2.67	3.48	3.92	4.32	4.60	4.71	4.94	5.19	5.66	6.32	7.06	9.72	22.10
200		2.91	3.84	4.34	4.80	5.12	5.23	5.43	5.71	6.15	6.86	7.63	10.47	23.41
1000		3.46	4.65	5.30	5.91	6.33	6.42	6.57	6.89	7.27	8.10	8.91	12.15	26.26
10000		4.24	5.78	6.66	7.48	8.05	8.12	8.17	8.55	8.82	9.81	10.67	14.44	30.04
PMP		8.06	10.62	12.00	13.22	13.91	14.31	14.96	15.59	17.15	19.01	20.92	28.99	64.53
MEAN		1.195	1.443	1.561	1.661	1.764	1.850	2.075	2.227	2.601	2.942	3.472	4.859	12.554
CLOCK HR. COR.		1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW		2.375	2.945	2.722	2.586	2.633	2.494	1.944	1.714	1.366	.968	.446	.1742	.767
REGIONAL SKEW		1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.300	1.200	1.100	1.000	.800	.600
SKEW USED		1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.300	1.200	1.100	1.000	.800	.600
KURTOSIS		11.300	15.057	12.725	11.337	11.776	11.059	8.194	7.311	5.969	4.166	4.771	3.407	3.610
N		61	61	61	61	61	61	61	61	61	61	61	61	60
RECORD YEAR		1938	1938	1938	1963	1963	1963	1963	1963	1963	1963	1938	1938	1952
RECORD MAXIMUM		3.510	5.080	5.240	5.260	5.770	5.770	5.820	5.840	6.170	6.170	7.610	9.500	23.200
NORMALIZED MAX		3.962	4.718	4.476	4.264	4.368	4.177	3.851	3.717	3.624	3.173	3.643	3.085	3.083
CALC. COEF. VAR		.485	.534	.527	.538	.520	.507	.469	.436	.378	.346	.327	.309	.275
REGION. COEF. VAR		.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR		.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A		.0952	.1150	.1243	.1323	.1405	.1474	.1653	.1774	.2072	.2344	.2766	.3871	1.0000
RP10/A		.1440	.1794	.1981	.2136	.2255	.2347	.2565	.2720	.3107	.3487	.4008	.5588	1.3667
RP25/A		.1721	.2195	.2483	.2668	.2826	.2915	.3122	.3297	.3685	.4125	.4680	.6468	1.5352
RP50/A		.1925	.2487	.2785	.3052	.3243	.3336	.3530	.3721	.4101	.4584	.5160	.7128	1.6512
RP100/A		.2123	.2773	.3122	.3438	.3662	.3753	.3932	.4137	.4505	.5031	.5625	.7743	1.7604
RP1000/A		.2759	.3700	.4222	.4705	.5045	.5117	.5234	.5488	.5792	.6451	.7096	.9676	2.0918
RP10000/A		.3374	.4607	.5302	.5955	.6415	.6464	.6507	.6807	.7027	.7614	.8496	1.1503	2.3930
PMP/A		.6422	.8461	.9562	1.0534	1.1081	1.1398	1.1918	1.2418	1.3662	1.5141	1.6663	2.3089	5.1400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 410 2306 0	STATION NAME DAY	ELEV 3650	SEC 15	TWP 39N	RNG LOT 05E R	BWM M	LATITUDE 41.215	LONGITUDE 121.368	COUNTY CODE 25				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.83	2.34	2.61	2.80	3.04	3.22	3.86	4.31	5.23	6.02	7.38	10.16	23.58
5	2.54	3.36	3.63	4.18	4.53	4.75	5.52	6.08	7.19	8.20	9.81	13.44	29.60
10	3.01	4.07	4.69	5.17	5.61	5.84	6.66	7.31	8.47	9.64	11.37	15.51	33.14
20	3.45	4.75	5.52	6.13	6.68	6.91	7.76	8.49	9.67	10.98	12.83	17.42	36.27
25	3.59	4.97	5.79	6.44	7.02	7.25	8.10	8.86	10.04	11.40	13.28	18.01	37.22
40	3.88	5.42	6.34	7.08	7.73	7.96	8.82	9.64	10.81	12.26	13.50	19.22	39.15
50	4.02	5.63	6.60	7.39	8.07	8.30	9.16	10.00	11.18	12.67	14.64	19.78	40.04
100	4.43	6.27	7.40	8.32	9.11	9.33	10.21	11.12	12.28	13.90	15.96	21.49	42.68
200	4.84	6.91	8.19	9.25	10.15	10.36	11.24	12.22	13.35	15.11	17.25	23.15	45.21
1000	5.76	8.37	10.00	11.39	12.55	12.73	13.59	14.75	15.78	17.83	20.13	26.86	56.72
10000	7.04	10.42	12.56	14.41	15.96	16.08	16.89	18.30	19.15	21.59	24.11	31.93	58.02
PMP	13.41	19.14	22.65	25.50	27.57	28.35	30.94	33.38	37.23	41.83	47.28	64.49	124.63
MEAN	1.988	2.601	2.946	3.203	3.496	3.665	4.291	4.768	5.645	6.476	7.848	10.744	24.247
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.839	.972	1.208	1.907	2.292	2.004	1.204	1.143	.783	1.023	.452	.807	.054
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.300	1.200	1.100	1.000	.800	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.300	1.200	1.100	1.000	.800	.600
KURTOSIS	3.200	3.663	5.348	8.328	10.054	8.815	4.692	3.931	3.267	3.561	2.398	3.712	1.988
N	25	25	25	25	25	25	25	25	25	25	25	25	25
RECORD YEAR	1946	1963	1963	1963	1963	1963	1963	1970	1970	1970	1965	1970	1970
RECORD MAXIMUM	3.140	4.500	6.520	7.620	8.570	8.700	9.160	10.730	12.370	12.560	21.150	33.410	
NORMALIZED MAX	1.808	2.618	2.794	3.377	3.606	3.482	2.728	2.479	2.484	2.320	1.775	2.546	1.555
CALC. COEF. VAR	.321	.362	.434	.408	.402	.392	.377	.372	.363	.392	.338	.380	.243
REGION. COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A	.0820	.1073	.1215	.1321	.1442	.1512	.1770	.1956	.2328	.2671	.3237	.4431	1.0000
RP10/A	.1240	.1679	.1935	.2233	.2414	.2410	.2746	.3015	.3492	.3744	.4450	.6397	1.3667
RP25/A	.1482	.2049	.2387	.2657	.2894	.2991	.3342	.3654	.4141	.4700	.5476	.7427	1.5352
RP50/A	.1657	.2320	.2721	.3046	.3327	.3422	.3779	.4124	.4600	.5224	.6039	.8159	1.6512
RP100/A	.1828	.2587	.3051	.3432	.3758	.3850	.4210	.4562	.5063	.5733	.6583	.8864	1.7604
RP1000/A	.2376	.3453	.4125	.4697	.5176	.5250	.5604	.6063	.6510	.7352	.8304	1.1076	2.0918
RP10000/A	.2905	.4299	.5180	.5945	.6582	.6632	.6966	.7545	.7897	.8905	.9942	1.3168	2.3930
PMP/A	.5531	.7895	.9342	1.0516	1.1370	1.1693	1.2759	1.3765	1.5355	1.7254	1.9500	2.6431	5.1400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE			
410 2964 0	FALL RIVER MILLS INTAKE	3340	25	37N	04E	N	M	41-017	121-467	45			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.56	1.97	2.16	2.32	2.49	2.57	2.87	3.12	3.64	4.00	4.67	7.18	17.73
5	2.16	2.84	3.17	3.46	3.64	3.79	4.10	4.41	5.00	5.45	6.21	9.50	22.26
10	2.57	3.44	3.88	4.28	4.51	4.67	4.95	5.30	5.89	6.41	7.20	10.96	26.92
20	2.95	4.02	4.57	5.08	5.36	5.52	5.76	6.15	6.73	7.30	8.12	12.31	27.28
25	3.07	4.20	4.78	5.33	5.64	5.79	6.02	6.42	6.99	7.58	8.40	12.73	27.99
40	3.31	4.58	5.24	5.87	6.21	6.36	6.56	6.98	7.53	8.16	8.94	13.59	29.44
50	3.43	4.76	5.45	6.12	6.46	6.62	6.81	7.24	7.78	8.42	9.27	13.99	30.11
100	3.78	5.30	6.12	6.89	7.32	7.45	7.58	8.05	8.55	9.24	10.10	15.19	32.10
200	4.13	5.84	6.77	7.65	8.16	8.27	8.35	8.88	9.39	10.09	10.91	16.38	34.00
1000	4.92	7.08	8.27	9.43	10.08	10.16	10.09	10.68	10.99	11.66	12.74	18.99	38.14
10000	6.01	8.81	10.38	11.94	12.82	12.84	12.55	13.25	13.33	14.35	15.25	22.57	43.64
PMP	11.44	16.18	18.73	21.12	22.15	22.63	22.98	24.18	25.91	27.82	29.92	45.30	93.73
MEAN	1.697	2.198	2.435	2.653	2.809	2.926	3.188	3.454	3.929	4.307	4.966	7.595	10.235
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.247	1.699	1.998	2.248	2.419	2.490	2.714	2.994	3.322	3.515	3.947	6.013	1.9657
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.800	1.700	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	4.691	7.047	5.813	7.705	6.897	5.891	4.204	3.069	3.101	3.522	2.488	3.679	2.399
N	40	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1938	1963	1963	1963	1963	1963	1963	1963	1970	1970	1970	1970	1938
RECORD MAXIMUM	3.250	4.870	5.520	6.420	6.920	6.920	6.920	7.050	7.130	8.260	8.280	14.870	30.080
NORMALIZED MAX	2.379	3.036	3.116	3.797	3.662	3.393	3.111	2.690	2.433	2.701	2.134	2.871	2.274
CALC. COEF. VAR	.385	.400	.406	.429	.400	.402	.376	.387	.335	.340	.313	.324	.286
REDN. COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A	.0930	.1206	.1336	.1455	.1541	.1605	.1748	.1894	.2155	.2362	.2723	.4185	1.0000
RP10/A	.1408	.1887	.2127	.2348	.2472	.2559	.2713	.2904	.3222	.3515	.3947	.6013	1.9657
RP25/A	.1682	.2302	.2624	.2926	.3092	.3175	.3301	.3520	.3833	.4157	.4608	.6981	1.5352
RP50/A	.1881	.2608	.2991	.3355	.3555	.3633	.3733	.3972	.4266	.4620	.5081	.7670	1.6512
RP100/A	.2075	.2968	.3354	.3780	.4015	.4087	.4158	.4417	.4686	.5070	.5539	.8332	1.7604
RP1000/A	.2606	.3801	.4535	.5172	.5530	.5573	.5536	.5859	.6025	.6502	.6987	1.0412	2.0910
RP10000/A	.3297	.4831	.5695	.6546	.7033	.7040	.6881	.7268	.7309	.7875	.8366	1.2377	2.3930
PMP/A	.6276	.8873	1.0271	1.1580	1.2148	1.2413	1.2604	1.3259	1.4211	1.5259	1.6408	2.4844	5.1400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
410 3821 0	HAT CREEK R S	3348	15	34N	04E	M	40-800	121-500	45				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.03	2.47	2.69	2.92	3.13	3.33	3.66	4.00	4.67	5.21	6.19	9.02	19.90
5	2.82	3.55	3.95	4.36	4.66	4.90	5.23	5.64	6.41	7.11	8.23	11.93	24.97
10	3.34	4.30	4.84	5.38	5.78	6.03	6.31	6.78	7.55	8.35	9.54	13.77	27.96
20	3.84	5.02	5.70	6.39	6.87	7.13	7.35	7.87	8.82	9.52	10.76	15.46	30.61
25	4.00	5.25	5.97	6.71	7.22	7.49	7.68	8.22	8.95	9.68	11.14	15.98	31.41
40	4.32	5.72	6.54	7.38	7.98	8.22	8.36	8.94	9.84	10.63	11.33	17.06	33.03
50	4.47	5.95	6.80	7.69	8.30	8.57	8.68	9.28	9.96	10.68	12.29	17.56	33.78
100	4.93	6.63	7.63	8.67	9.38	9.64	9.67	10.31	10.94	12.05	13.39	19.08	36.02
200	5.38	7.30	8.45	9.63	10.45	10.70	10.64	11.34	11.90	13.09	14.47	20.55	36.15
1000	6.41	8.85	10.32	11.86	12.92	13.14	12.87	13.68	14.07	15.45	16.89	23.64	42.80
10000	7.83	11.01	12.95	15.01	16.43	16.68	16.00	16.97	17.07	18.72	20.23	28.34	48.16
PMP	14.91	20.23	23.36	26.55	28.38	29.27	29.31	30.96	33.18	36.26	39.67	56.88	105.96
MEAN	2.211	2.748	3.038	3.335	3.599	3.784	4.055	4.422	5.032	5.613	6.504	9.536	20.459
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.709	1.327	1.709	1.840	1.845	1.743	1.638	1.458	1.132	1.081	.730	1.076	.598
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.200	1.200	1.100	1.000	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	2.735	4.915	6.555	8.678	7.130	6.751	6.011	5.122	3.601	3.711	3.205	3.958	3.739
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1964	1963	1963	1963	1963	1963	1963	1963	1963	1965	1965	1961	1941
RECORD MAXIMUM	3.860	6.320	7.910	9.010	9.560	9.620	9.670	9.750	9.930	11.950	12.620	19.580	30.600
NORMALIZED MAX	1.759	2.668	3.117	3.236	3.333	3.265	3.064	2.850	2.347	2.553	2.530	2.667	2.740
CALC. COEF. VAR	.424	.487	.514	.526	.487	.472	.450	.424	.415	.426	.362	.395	.324
REDN. COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A	.1081	.1343	.1485	.1630	.1759	.1849	.1987	.2162	.2459	.2744	.3216	.4661	1.0000
RP10/A	.1635	.2103	.2385	.2632	.2823	.2949	.3084	.3314	.3689	.4083	.4664	.6729	1.3667
RP25/A	.1953	.2566	.2918	.3278	.3530	.3699	.3752	.4017	.4374	.4829	.5445	.7613	1.5352
RP50/A	.2184	.2906	.3326	.3759	.4059	.4187	.4243	.4534	.4889	.5367	.6003	.8383	1.6512
RP100/A	.2410	.3240	.3729	.4236	.4585	.4710	.4726	.5041	.5349	.5809	.6546	.9324	1.7604
RP1000/A	.3132	.4324	.5042	.5796	.6315	.6422	.6292	.6687	.6876	.7553	.8257	1.1652	2.0910
RP10000/A	.3829	.5383	.6332	.7336	.8030	.8113	.7821	.8294	.8342	.9148	.9888	1.3852	2.3930
PMP/A	.7289	.9807	1.1420	1.2977	1.3871	1.4305	1.4325	1.5131	1.6220	1.7725	1.9390	2.7604	5.1400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY			
A10 3824 0	HAT CREEK PH NO.1	3015	32	36N	04E	M		40.933	121.550	45			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.48	1.89	2.14	2.28	2.43	2.61	2.94	3.19	3.86	4.37	5.27	7.66	18.19
5	2.06	2.72	3.14	3.39	3.62	3.85	4.20	3.91	5.13	5.98	7.01	10.13	22.83
10	2.44	3.29	3.84	4.19	4.48	4.73	5.07	5.41	6.24	7.01	8.13	11.70	25.56
20	2.81	3.84	4.52	4.98	5.33	5.60	5.91	6.29	7.13	7.98	9.17	13.14	27.98
25	2.92	4.02	4.73	5.23	5.60	5.87	6.17	6.56	7.40	8.29	9.49	13.58	28.72
40	3.15	4.38	5.18	5.75	6.17	6.45	6.72	7.13	7.97	8.92	9.65	14.50	30.20
50	3.26	4.55	5.40	5.95	6.44	6.74	7.08	7.48	8.24	9.21	10.46	14.92	30.89
100	3.60	5.07	6.05	6.75	7.27	7.56	7.78	8.23	9.05	10.11	11.41	16.21	32.93
200	3.93	5.59	6.70	7.51	8.10	8.39	8.56	9.05	9.85	10.98	12.32	17.46	34.88
1000	4.68	6.77	8.18	9.24	10.02	10.31	10.35	10.92	11.64	12.96	14.39	20.25	39.13
10000	5.72	8.43	10.27	11.80	12.74	12.87	13.05	12.87	13.56	15.76	17.23	24.08	44.76
PMP	10.89	15.48	18.53	20.59	22.01	22.96	23.57	24.71	27.45	30.42	33.78	48.33	96.14
MEAN	1.615	2.104	2.410	2.599	2.791	2.968	3.269	3.530	4.163	4.708	5.607	8.103	18.705
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.232	.843	1.347	1.856	2.014	1.717	1.146	.948	.566	.455	.282	.319	.910
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	4.462	3.231	5.768	8.290	9.047	7.319	5.166	4.219	2.760	2.453	2.639	2.488	3.595
N	54	54	54	54	54	54	54	54	54	54	54	54	54
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1965	1956	1956	1942
RECORD MAXIMUM	2.800	4.300	5.640	6.870	7.800	7.810	7.810	7.980	8.570	10.310	14.350	36.180	2.082
NORMALIZED MAX	2.249	2.524	3.493	4.061	4.309	4.057	3.687	3.325	2.571	2.285	2.456	2.260	2.603
CALC. COEF. VAR	.326	.383	.384	.405	.418	.402	.377	.365	.387	.359	.341	.341	.333
REGN. COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A	.0863	.1125	.1288	.1389	.1492	.1587	.1748	.1887	.2225	.2517	.2998	.4332	1.0000
RP10/A	.1306	.1760	.2052	.2243	.2395	.2530	.2712	.2894	.3338	.3745	.4344	.6254	1.3667
RP25/A	.1561	.2148	.2531	.2794	.2994	.3139	.3300	.3507	.3958	.4430	.5072	.7281	1.5352
RP50/A	.1745	.2433	.2885	.3204	.3443	.3592	.3732	.3958	.4465	.4923	.5594	.7977	1.6512
RP100/A	.1925	.2713	.3235	.3610	.3869	.4041	.4157	.4402	.4840	.5403	.6098	.8666	1.7604
RP1000/A	.2502	.3620	.4374	.4939	.5356	.5510	.5534	.5838	.6222	.6929	.7691	1.0829	2.0918
RP10000/A	.3059	.4507	.5493	.6252	.6811	.6960	.6879	.7242	.7549	.8393	.9207	1.2673	2.3930
PMP/A	.5824	.8277	.9906	1.1059	1.1768	1.2273	1.2599	1.3212	1.4677	1.6261	1.8062	2.5839	5.1400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE		
A10 4374 0	JESS VALLEY		5290	06	39N	15E	C	M	41.265	120.380	25		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.19	1.44	1.56	1.69	1.81	1.96	2.23	2.40	2.91	3.27	3.96	5.83	17.03
5	1.65	2.07	2.29	2.53	2.69	2.89	3.18	3.39	4.00	4.49	5.26	7.72	21.37
10	1.96	2.50	2.81	3.12	3.34	3.55	3.84	4.07	4.71	5.23	6.10	8.91	23.93
20	2.25	2.92	3.30	3.71	3.97	4.20	4.48	4.73	5.38	5.96	6.88	10.00	26.19
25	2.34	3.06	3.46	3.89	4.17	4.40	4.68	4.93	5.59	6.19	7.13	10.34	26.88
40	2.53	3.33	3.79	4.28	4.60	4.84	5.09	5.36	6.02	6.66	7.24	11.04	28.27
50	2.59	3.46	3.94	4.46	4.80	5.04	5.29	5.57	6.22	6.88	7.86	11.36	28.91
100	2.89	3.86	4.42	5.03	5.42	5.67	5.89	6.19	6.84	7.55	8.57	12.34	30.83
200	3.16	4.25	4.90	5.59	6.04	6.30	6.49	6.81	7.43	8.20	9.25	13.29	32.65
1000	3.76	5.15	5.96	6.88	7.46	7.73	7.84	8.21	8.79	9.68	10.80	15.42	36.63
10000	4.59	6.41	7.51	8.71	9.49	9.77	9.75	10.19	10.66	11.72	12.94	18.33	41.90
PMP	8.75	11.78	13.54	15.41	16.40	17.22	17.86	18.58	20.73	22.72	25.37	36.80	90.00
MEAN	1.297	1.600	1.761	1.936	2.079	2.227	2.477	2.654	3.143	3.516	4.211	6.169	17.510
CLOCK HR.	1.140	1.670	1.940	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
COR.	1.905	2.145	2.291	2.078	2.352	2.130	1.924	1.861	.819	.418	.528	.524	-0.214
CALCULATED SKEW	1.360	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	8.143	8.893	9.769	8.611	10.912	9.694	9.538	7.901	5.112	4.775	3.196	3.201	2.361
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1938	1938	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1952
RECORD MAXIMUM	2.700	3.720	4.160	4.840	5.720	5.810	5.910	5.910	6.170	6.380	6.820	10.370	24.140
NORMALIZED MAX	2.869	3.308	3.337	3.768	4.037	4.037	4.037	4.037	3.949	3.849	3.699	3.499	3.179
CALC. COEF. VAR	.351	.400	.374	.360	.404	.385	.327	.304	.276	.243	.268	.257	.212
REGN. COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A	.0741	.0914	.1006	.1105	.1188	.1272	.1415	.1516	.1795	.2006	.2405	.3523	1.0000
RP10/A	.1120	.1431	.1602	.1784	.1906	.2028	.2195	.2324	.2693	.2986	.3488	.5086	1.3657
RP25/A	.1249	.1745	.1976	.2203	.2383	.2507	.2671	.2817	.3193	.3549	.4085	.5695	1.5380
RP50/A	.1497	.1977	.2253	.2549	.2740	.2879	.3021	.3179	.3553	.3926	.4487	.6488	1.6512
RP100/A	.1651	.2204	.2526	.2872	.3095	.3236	.3385	.3535	.3904	.4310	.4892	.7048	1.7604
RP1000/A	.2146	.2942	.3415	.3930	.4263	.4416	.4479	.4689	.5019	.5528	.6170	.8807	2.0918
RP10000/A	.2524	.3662	.4289	.4974	.5421	.5578	.5668	.5817	.6088	.6696	.7388	1.0470	2.3930
PMP/A	.4995	.6726	.7735	.8799	.9364	.9836	1.0199	1.0612	1.1838	1.2973	1.4490	2.1015	5.1400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A10 A946 0		STATION NAME PIT RIVER POWER HOUSE		ELEV 1458	SEC 09	TWP 36N	RNG LOT 01W	8MM M	LATITUDE 40.983	LONGITUDE 121.983	COUNTY CODE 45		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.41	7.68	9.28	10.22	10.96	12.12	14.37	15.81	19.36	22.61	27.38	38.98	75.47
5	7.50	11.05	13.62	15.25	16.30	17.85	20.51	22.32	26.58	30.63	36.41	51.56	94.72
10	8.90	13.39	16.07	18.05	20.19	21.96	24.76	26.82	31.31	36.22	42.22	59.51	106.05
20	10.62	15.92	19.62	22.38	24.82	25.97	28.84	31.14	35.75	41.26	47.62	66.83	116.09
25	10.63	16.33	20.56	23.48	25.25	27.25	30.13	32.51	37.13	42.64	49.30	69.09	119.13
40	11.49	17.80	22.52	25.82	27.82	29.92	32.81	35.35	39.99	46.09	50.12	73.74	125.29
50	11.89	18.50	23.44	26.42	28.43	31.18	34.07	36.69	41.33	47.61	54.36	75.91	128.13
100	13.12	20.43	26.28	30.34	32.79	35.08	37.95	40.79	45.40	52.25	59.26	82.44	136.61
200	14.32	22.73	29.09	33.72	36.53	38.94	41.78	44.85	49.38	56.78	64.03	88.82	144.68
1000	17.05	27.53	35.53	41.51	45.17	47.83	50.52	54.11	58.37	67.00	74.75	103.05	162.32
10000	20.84	34.27	44.52	54.54	57.44	60.42	62.80	67.12	70.81	81.16	89.50	122.50	185.69
PMP	39.67	62.94	80.47	92.94	99.21	106.54	115.03	122.44	137.68	157.24	175.54	245.89	396.86
MEAN	5.882	8.551	10.465	11.675	12.582	13.774	15.954	17.492	20.877	24.341	29.135	41.221	77.598
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.496	.368	.628	.671	.731	1.005	1.163	1.011	1.021	1.119	1.364	1.098	.254
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	2.835	2.662	3.251	3.449	3.550	4.315	4.705	4.384	4.487	4.516	5.234	4.651	3.061
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1965	1956	1956	1965	1965	1956	1965	1956	1956	1970	1970	1956	1956
RECORD MAXIMUM	7.560	12.570	17.100	20.990	22.540	26.020	29.900	31.650	39.190	45.880	57.130	76.550	118.980
NORMALIZED MAX	1.262	1.581	1.926	2.224	2.155	2.352	2.532	2.385	2.497	2.388	2.853	2.582	2.110
CALC. COEF. VAR	.226	.297	.329	.359	.367	.378	.345	.339	.351	.371	.337	.332	.253
REGN. COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
USED COEF. VAR	.383	.424	.446	.464	.459	.449	.414	.400	.373	.364	.335	.331	.276
MEAN/A	.0758	.1102	.1349	.1505	.1621	.1775	.2056	.2254	.2690	.3137	.3755	.5312	1.0000
RP10/A	.1147	.1725	.2148	.2429	.2602	.2830	.3191	.3456	.4035	.4667	.5441	.7669	1.3667
RP25/A	.1370	.2105	.2649	.3026	.3254	.3512	.3882	.4189	.4785	.5520	.6353	.8904	1.5352
RP50/A	.1532	.2384	.3020	.3470	.3741	.4018	.4391	.4728	.5326	.6135	.7004	.9782	1.6512
RP100/A	.1856	.2658	.3394	.3929	.4224	.4581	.4891	.5257	.5851	.6733	.7637	1.0827	1.7604
RP1000/A	.2197	.3547	.4579	.5349	.5821	.6160	.6511	.6973	.7522	.8633	.9633	1.3279	2.0918
RP10000/A	.2686	.4416	.5750	.6770	.7402	.7787	.8093	.8649	.9125	1.0458	1.1534	1.5786	2.3930
PMP/A	.5113	.8111	1.0370	1.1977	1.2785	1.3730	1.4823	1.5779	1.7743	2.0264	2.2622	3.1687	5.1400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A20 2572 0	STATION NAME OUNSMUIR	ELEV 170	SEC 2420	TWP 13	RNG LOT 39N 04W	8MM M	LATITUDE 41.217	LONGITUDE 122.267	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.06	5.68	6.94	7.91	8.65	9.49	10.91	12.00	14.48	16.22	19.84	29.38	57.10
5	5.42	7.85	9.70	11.03	12.00	13.08	14.98	16.37	19.57	22.26	26.86	39.52	72.06
10	6.30	9.29	11.51	13.04	14.15	15.34	17.50	19.04	22.58	25.94	31.07	45.90	86.54
20	7.12	10.65	13.21	14.91	16.15	17.43	19.80	21.45	25.21	29.27	34.84	51.04	87.89
25	7.37	11.08	13.74	15.49	16.77	18.07	20.51	22.19	26.02	30.29	35.99	52.69	90.09
40	7.49	11.97	14.83	16.78	17.08	19.40	21.96	23.70	27.65	32.37	38.32	56.07	94.53
50	8.14	12.38	15.34	17.25	18.65	20.42	22.84	24.40	28.40	33.33	39.40	57.92	96.55
100	8.88	13.65	16.90	18.94	20.47	21.89	24.67	26.50	30.64	36.23	43.63	62.29	102.55
200	9.60	14.89	18.42	20.59	22.24	23.70	26.64	28.52	32.77	39.02	45.73	66.76	108.20
1000	11.22	17.71	21.98	26.31	28.21	27.75	31.01	33.00	37.43	45.18	52.53	76.58	120.35
10000	13.45	21.63	26.62	29.41	31.68	33.30	36.95	39.03	43.80	53.50	61.63	89.72	136.12
PMP	26.44	41.09	52.19	59.20	63.57	68.47	78.03	84.61	99.91	116.35	137.06	198.62	312.41
MEAN	4.325	6.174	7.520	8.512	9.300	10.129	11.569	12.629	15.047	17.098	20.735	30.675	58.230
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.281	.266	.210	.276	.459	.436	.343	.328	.385	.159	.164	.211	.491
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	2.794	2.773	2.833	2.644	2.896	2.925	2.729	2.910	3.195	2.531	2.564	2.594	3.640
RECORD YEAR	49	49	49	49	49	49	49	49	49	49	49	49	49
RECORD MAXIMUM	6.290	9.740	11.550	13.640	15.170	16.990	18.640	21.850	28.710	26.710	36.290	53.570	104.710
NORMALIZED MAX	1.451	2.050	2.138	2.022	2.212	2.210	2.251	2.473	2.818	2.096	2.241	2.137	2.622
CALC. COEF. VAR	.275	.281	.258	.298	.299	.307	.308	.295	.322	.324	.335	.349	.304
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0743	.1060	.1291	.1462	.1597	.1739	.1987	.2169	.2584	.2936	.3531	.5268	1.0000
RP10/A	.1082	.1596	.1977	.2240	.2430	.2635	.3006	.3270	.3875	.4455	.5356	.7831	1.3832
RP25/A	.1261	.1903	.2398	.2682	.2910	.3104	.3523	.3811	.4468	.5204	.6201	.9037	1.5472
RP50/A	.1397	.2126	.2635	.2962	.3203	.3437	.3868	.4190	.4876	.5724	.6766	.9895	1.6580
RP100/A	.1524	.2344	.2902	.3253	.3515	.3758	.4237	.4551	.5261	.6222	.7321	1.0697	1.7611
RP1000/A	.1926	.3041	.3754	.4174	.4501	.4766	.5326	.5667	.6428	.7759	.9021	1.3152	2.0688
RP10000/A	.2309	.3715	.4571	.5170	.5440	.5719	.6348	.6702	.7488	.8968	1.0584	1.5408	2.3777
PMP/A	.4541	.7056	.8963	1.0167	1.0917	1.1759	1.3400	1.4531	1.7158	1.9982	2.3537	3.4110	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO	LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE			
420 5449 0	MC CLOUD	3300	01	39N	03W		M	41.267	122-133	47			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.49	4.98	5.98	6.72	7.47	8.21	9.39	10.34	12.23	13.43	16.35	23.33	47.52
5	4.66	6.87	8.37	9.37	10.37	11.32	12.89	14.11	16.53	18.43	22.14	31.39	59.97
10	5.41	8.14	9.93	11.08	12.23	13.28	15.06	16.41	19.06	21.48	25.61	36.22	67.02
20	6.12	9.32	11.39	12.67	13.96	15.09	17.04	18.49	21.30	24.23	28.72	40.54	75.14
25	6.33	9.70	11.85	13.16	14.49	15.64	17.65	19.13	21.98	25.08	29.66	41.85	74.97
40	6.44	10.48	12.79	13.40	14.76	16.79	18.90	20.43	23.35	26.80	31.59	44.53	78.66
50	6.99	10.84	13.23	14.65	16.12	17.32	19.48	21.03	23.98	27.60	32.48	45.76	80.34
100	7.63	11.95	14.57	16.09	17.68	18.94	21.23	22.84	25.68	30.00	35.14	49.47	85.33
200	8.25	13.04	15.88	17.50	19.21	20.51	22.92	24.59	27.68	32.31	37.69	53.02	90.04
1000	9.64	15.51	18.95	20.65	22.64	24.02	26.68	28.44	31.61	37.41	43.30	60.82	100.15
10000	11.55	18.94	22.95	24.99	27.37	28.82	31.79	33.64	36.83	44.30	50.81	71.26	113.28
PMP	22.72	35.99	45.00	50.29	54.92	59.26	67.14	72.93	84.39	96.34	112.98	157.15	259.97
MEAN	3.715	5.407	6.484	7.231	8.036	8.767	9.954	10.885	12.710	14.158	17.693	24.363	48.456
CLOCK HP. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	+0.40	+0.48	+0.64	+0.58	+0.63	+0.64	+0.74	+0.84	+0.99	+1.28	+1.79	+2.41	+3.52
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
KURTOSIS	2.864	2.586	2.763	2.576	3.447	3.708	3.317	3.337	2.358	2.121	2.457	2.346	2.844
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1921	1954	1956	1921	1921	1921	1921	1941	1941	1951	1956	1941	1941
RECORD MAXIMUM	5.810	8.610	11.040	12.210	15.310	17.210	18.800	21.400	22.830	23.570	30.310	40.190	86.100
NORMALIZED MAX	2.041	1.913	2.297	2.165	2.803	2.903	2.644	2.852	2.185	1.855	2.124	2.376	2.528
CALC. COEF. VAR	.276	.310	.306	.318	.323	.332	.339	.339	.364	.358	.364	.377	.307
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.386	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0767	.1116	.1338	.1492	.1658	.1809	.2054	.2246	.2623	.2922	.3527	.5028	1.0000
RP10/A	.1671	.1679	.2049	.2287	.2523	.2741	.3108	.3387	.3933	.4433	.5286	.7474	1.3832
RP25/A	.1307	.2003	.2445	.2716	.2991	.3228	.3642	.3948	.4535	.5175	.6122	.8637	1.5472
RP50/A	.1443	.2238	.2730	.3024	.3326	.3575	.4020	.4340	.4950	.5695	.6762	.9445	1.6580
RP100/A	.1574	.2467	.3007	.3321	.3650	.3969	.4391	.4714	.5340	.6191	.7252	1.0210	1.7611
RP1000/A	.1989	.3201	.3890	.4261	.4673	.4957	.5507	.5869	.6524	.7721	.8937	1.2552	2.0668
RP10000/A	.2384	.3909	.4736	.5157	.5648	.5948	.6582	.6942	.7601	.9142	1.0485	1.4706	2.3377
PMP/A	.4689	.7426	.9287	1.0379	1.1335	1.2231	1.3856	1.5051	1.7416	1.9882	2.3316	3.2555	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE				
420 5983 0	MT SHASTA CITY	185	3544				41.317	122.317	47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.05	4.22	4.88	5.39	5.83	6.30	7.04	7.75	8.96	9.91	12.07	17.32	35.21
5	4.07	5.83	6.82	7.52	8.09	8.68	9.66	10.58	12.11	13.59	16.35	23.30	44.43
10	4.73	6.90	8.09	8.89	9.54	10.19	11.29	12.31	13.96	15.84	18.91	26.49	49.66
20	5.34	7.91	9.28	10.17	10.89	11.57	12.76	13.86	15.60	17.68	21.20	30.09	54.19
25	5.53	8.23	9.65	10.57	11.31	12.00	13.24	14.34	16.09	18.50	21.90	31.07	55.54
40	5.62	8.89	10.42	10.76	11.52	12.88	14.17	15.32	17.10	19.77	23.32	33.06	58.28
50	6.11	9.19	10.78	11.76	12.58	13.29	14.61	15.77	17.57	20.36	23.98	33.97	59.52
100	6.46	10.13	11.87	12.92	13.80	14.53	15.92	17.13	18.95	22.13	25.94	36.73	63.22
200	7.20	11.06	12.94	14.04	14.99	15.73	17.19	18.43	20.27	23.83	27.83	39.36	66.71
1000	8.42	13.15	15.36	16.57	17.67	18.42	20.01	21.32	23.15	27.00	31.97	45.15	74.20
10000	10.69	16.98	19.70	20.86	21.96	22.51	23.85	25.22	26.97	32.68	37.51	52.90	83.92
PMP	19.84	30.51	36.67	40.37	42.87	45.46	50.36	54.68	61.81	71.06	83.40	117.11	192.60
MEAN	3.245	4.584	5.284	5.805	6.272	6.724	7.466	8.161	9.308	10.443	12.618	18.086	35.900
CLOCK HP. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	+0.29	+0.84	+1.09	+1.16	+0.76	+0.85	+0.70	+0.91	+0.20	+0.20	+0.23	+0.50	+0.40
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
KURTOSIS	8.631	10.629	6.505	5.672	4.498	4.117	3.684	3.521	4.481	4.448	4.132	3.079	2.894
N	77	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1909	1941
RECORD MAXIMUM	7.830	12.220	13.050	14.350	14.350	15.150	16.450	17.370	22.230	24.820	29.700	38.690	65.140
NORMALIZED MAX	3.841	4.425	3.993	3.584	3.618	3.486	3.354	3.149	3.730	3.637	3.437	2.943	2.514
CALC. COEF. VAR	.316	.376	.380	.376	.354	.359	.359	.352	.372	.379	.394	.387	.324
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0904	.1277	.1472	.1617	.1747	.1873	.2080	.2273	.2593	.2909	.3515	.5038	1.0000
RP10/A	.1317	.1222	.1253	.1247	.1250	.1287	.1316	.1428	.1388	.1413	.1507	.1789	1.3932
RP25/A	.1341	.1292	.1289	.1294	.1311	.1342	.1387	.1395	.1463	.1513	.1607	.1884	1.514
RP50/A	.1361	.1291	.1303	.1326	.1354	.1371	.1409	.1392	.1493	.1570	.1678	.1963	1.6580
RP100/A	.1355	.1282	.1300	.1358	.1345	.1404	.1435	.1470	.1529	.1613	.1726	.1920	1.7611
RP1000/A	.1244	.1363	.1478	.1617	.1723	.1812	.1974	.1940	.2049	.2167	.2304	.2577	2.0668
RP10000/A	.12610	.14473	.15210	.15587	.16500	.16158	.16842	.17625	.19133	.19102	.20252	.22825	2.3650
PMP/A	.5528	.8498	1.0215	1.1246	1.1941	1.2602	1.4027	1.5230	1.7216	1.9795	2.3232	3.2620	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
A20 8135 0	SHASTA DAM	1076	15	33N	05W	M	40.717	122.417	45				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	5.33	7.16	8.34	9.42	10.17	11.03	12.46	13.75	16.19	18.06	21.87	30.63	58.00
5	7.12	9.88	11.66	13.15	14.10	15.19	17.09	18.77	21.88	24.78	29.62	41.21	73.19
10	8.27	11.70	13.83	15.55	16.64	17.83	19.97	21.83	25.22	28.68	34.29	47.55	81.80
20	9.34	13.41	15.87	17.77	18.99	20.25	22.60	24.56	28.19	32.58	38.41	53.22	89.27
25	9.88	13.95	16.50	18.47	19.72	21.00	23.41	25.44	29.08	33.71	39.68	54.95	91.50
40	9.84	15.06	17.82	18.81	20.08	22.54	25.07	27.17	30.91	36.03	42.25	58.46	96.06
50	10.68	15.98	18.43	20.56	21.93	23.26	25.84	27.97	31.74	37.10	43.44	60.08	98.00
100	11.85	17.18	20.30	22.58	24.05	25.18	28.18	31.25	34.25	40.33	47.00	64.95	104.15
200	12.60	18.74	22.13	24.55	26.14	27.54	30.40	32.70	36.63	43.43	50.42	69.61	109.89
1000	14.72	22.29	26.26	28.97	30.81	32.25	35.39	37.82	41.84	46.63	52.92	72.86	122.23
10000	17.65	27.23	31.98	35.06	37.24	38.69	42.18	44.74	48.74	59.56	67.96	93.56	136.25
PHP	36.71	51.72	62.70	70.56	74.74	79.56	89.08	96.99	111.69	129.52	151.12	207.11	317.29
NEAN	5.677	7.772	9.035	10.146	10.934	11.770	13.204	14.476	16.821	19.033	22.862	31.987	59.141
CLOCK HR. COR.	1.140	1.070	1.000	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.936	1.407	1.500	1.765	1.489	2.004	1.677	1.502	1.879	1.612	1.109	1.705	1.569
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400

KURTOSIS	6.176	5.129	5.688	6.597	7.085	7.249	5.603	4.927	3.956	3.909	4.252	2.957	3.615
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1965	1965	1965	1956	1956	1956	1956	1956	1945	1945	1956	1956	1956
RECORD MAXIMUM	11.408	15.220	18.800	22.150	24.790	27.260	26.110	29.240	30.990	33.710	41.920	55.700	98.070
NORMALIZED MAX	2.740	2.611	2.786	2.806	2.884	3.025	2.797	2.543	2.540	2.519	2.748	2.378	2.509
CALC. COEF. VAR	.383	.367	.388	.422	.439	.435	.404	.372	.324	.319	.303	.312	.262
RECN. COEF. VAR	.341	.377	.366	.367	.384	.383	.380	.376	.387	.374	.365	.355	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0960	.1314	.1528	.1716	.1849	.1990	.2233	.2448	.2844	.3218	.3866	.5409	1.0000
RP10/A	.1399	.1978	.2339	.2629	.2813	.3014	.3377	.3691	.4265	.4803	.5793	.8040	1.3632
RP25/A	.1636	.2359	.2791	.3122	.3335	.3551	.3959	.4302	.4918	.5561	.6709	.9291	1.5472
RP50/A	.1806	.2635	.3117	.3476	.3768	.3933	.4369	.4729	.5367	.6274	.7345	1.0160	1.6580
RP100/A	.1970	.2905	.3433	.3818	.4069	.4300	.4761	.5137	.5791	.6879	.7948	1.0863	1.7611
RP1000/A	.2480	.3768	.4441	.4898	.5210	.5453	.5985	.6395	.7075	.8505	.9794	1.3503	2.0668
RP10000/A	.2984	.4604	.5407	.5928	.6297	.6542	.7131	.7594	.8242	1.0070	1.1490	1.5820	2.3377
PHP/A	.5876	.8746	1.0603	1.1932	1.2637	1.3453	1.5059	1.6399	1.8886	2.1901	2.5552	3.5020	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A20 9386 0	STATION NAME VOLLMEYERS	ELEV 148	SEC 1360	TWP 34	RNG LOT 36N 05W	BM N	LATITUDE 40.950	LONGITUDE 122.433	COUNTY CODE 45				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	5.70	7.78	9.16	10.34	11.29	12.32	13.97	15.40	18.24	20.40	24.86	36.62	69.78
5	7.62	10.74	12.80	14.43	15.66	16.97	19.17	21.02	24.65	27.98	33.67	49.26	86.06
10	8.85	12.72	15.19	17.06	18.47	19.91	22.41	24.45	28.42	32.61	38.95	56.84	96.42
20	10.00	14.58	17.43	19.50	21.08	22.82	25.38	27.95	31.75	36.00	43.67	63.62	107.41
25	10.35	15.17	18.13	20.26	21.69	23.45	26.26	28.50	32.77	38.08	45.11	65.60	110.10
40	10.53	16.38	19.57	20.63	22.29	23.45	26.12	30.44	34.82	40.69	48.03	69.89	115.51
50	11.43	16.95	20.25	22.55	24.34	25.96	28.98	31.33	35.76	41.90	49.38	71.82	117.99
100	12.47	18.68	22.30	24.77	26.71	28.40	31.59	34.03	38.58	45.55	53.44	77.64	125.32
200	13.46	20.38	24.31	26.93	29.02	30.75	34.10	36.63	41.27	49.05	57.32	83.21	132.23
1000	15.76	24.24	28.95	31.79	34.20	36.02	39.70	42.37	47.14	56.81	65.85	95.46	147.07
10000	16.89	29.60	35.12	38.46	41.34	43.21	47.31	50.11	54.91	67.26	77.17	111.36	166.35
PHP	37.15	56.24	68.87	77.42	82.96	88.86	99.90	108.65	125.83	146.29	171.79	247.57	381.77
MEAN	6.075	8.451	9.924	11.132	12.137	13.144	14.811	16.214	18.951	21.497	25.990	38.235	71.599
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.235	.090	.163	.095	.326	.411	.516	.673	.211	-.031	.258	.285	.734
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400

KURTOSIS	3.666	2.168	2.217	1.912	2.337	2.455	2.964	3.721	2.517	2.377	2.932	2.799	3.767
N	37	37	37	37	37	37	37	37	37	37	37	37	37
RECORD YEAR	1971	1974	1959	1959	1959	1959	1959	1941	1941	1941	1958	1958	1974
RECORD MAXIMUM	9.250	12.360	15.490	16.450	20.540	22.340	26.100	31.190	32.410	32.750	42.360	66.460	124.770
NORMALIZED MAX	1.820	1.950	1.959	1.622	2.231	2.336	2.389	2.884	2.145	1.717	2.128	2.212	2.581
CALC. COEF. VAR	.287	.297	.286	.295	.297	.300	.319	.320	.331	.304	.326	.334	.252
RECN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.377	.367	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.367	.374	.365	.291
MEAN/A	.0854	.1188	.1395	.1564	.1706	.1847	.2081	.2279	.2663	.3021	.3652	.5373	1.0000
RP10/A	.1244	.1787	.2135	.2397	.2595	.2798	.3149	.3436	.3993	.4503	.5473	.7987	1.3832
RP25/A	.1455	.2131	.2548	.2847	.3076	.3296	.3691	.4005	.4605	.5351	.6339	.9230	1.5472
RP50/A	.1606	.2391	.2845	.3170	.3421	.3650	.4073	.4403	.5026	.5869	.6906	1.0093	1.6580
RP100/A	.1752	.2625	.3148	.3481	.3754	.3991	.4439	.4792	.5422	.6401	.7509	1.0911	1.7611
RP1000/A	.2214	.3406	.4054	.4467	.4807	.5061	.5580	.5954	.6624	.7983	.9253	1.3145	2.0668
RP10000/A	.2654	.4160	.4936	.5405	.5809	.6073	.6644	.7043	.7717	.9452	1.0856	1.5716	2.3377
PHP/A	.5221	.7903	.9679	1.0880	1.1658	1.2487	1.4039	1.5268	1.7683	2.0557	2.4142	3.4791	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 430 7640 0	STATION NAME EAST PARK RESERVOIR	ELEV 372	SEC 1205	TWP 03	RNG LOT 17N 06W	BWM H	LATITUDE 39.367	LONGITUDE 122.517	COUNTY CODE 06				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650	
2	2.00	2.63	2.86	3.03	3.28	3.58	4.08	4.46	5.27	5.69	6.82	9.74	17.22
5	2.81	3.79	4.11	4.32	4.65	5.05	5.71	6.19	7.26	7.88	9.37	13.38	22.30
10	3.33	4.56	4.93	5.14	5.54	5.99	6.72	7.25	8.43	9.22	10.89	15.56	25.30
20	3.81	5.25	5.69	5.91	6.37	6.84	7.64	8.20	9.46	10.42	12.25	17.51	27.84
25	3.96	5.52	5.93	6.15	6.62	7.11	7.93	8.49	9.78	10.79	12.67	18.11	28.60
40	4.03	5.99	6.42	6.27	6.75	7.06	8.51	9.09	10.41	11.55	13.52	19.32	30.13
50	4.41	6.21	6.65	6.87	7.40	7.91	8.78	9.37	10.70	11.89	13.91	19.87	30.82
100	4.85	6.89	7.36	7.57	8.14	8.68	9.60	10.26	11.58	12.95	15.08	21.55	32.89
200	5.27	7.56	8.04	8.25	8.87	9.43	10.49	11.00	12.41	13.96	16.20	23.15	34.64
1000	6.23	9.06	9.59	9.77	10.51	11.09	12.14	12.77	14.23	16.19	18.66	26.68	39.04
10000	7.54	11.16	11.74	11.87	12.76	13.38	14.53	15.16	16.64	19.21	21.96	31.40	44.48
PMP	15.21	21.57	23.28	24.11	25.89	27.86	31.02	33.19	38.62	41.99	49.28	70.49	105.29
MEAN	2.159	2.895	3.124	3.282	3.566	3.840	4.339	4.711	5.493	6.011	7.147	10.201	17.607
CLOCK HR. COR.	1.140	1.670	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.108	0.133	0.173	0.155	0.177	0.180	0.169	0.159	0.149	0.135	0.123	0.078	0.134
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOSIS	2.600	2.642	3.046	2.724	2.865	3.293	3.970	3.474	4.300	3.455	4.140	2.853	3.915
N	51	51	51	51	51	51	51	51	51	51	51	51	51
RECORD YEAR	1915	1971	1963	1963	1956	1915	1915	1915	1915	1915	1956	1956	1956
RECORD MAXIMUM	2.980	4.360	5.950	5.350	6.090	7.100	8.740	9.085	12.030	12.370	15.800	19.660	37.300
NORMALIZED MAX	1.261	1.749	2.313	1.952	2.164	2.569	2.901	2.700	3.331	2.953	3.041	2.248	3.115
CALC. COEF. VAR	0.301	0.289	0.308	0.323	0.332	0.331	0.354	0.344	0.357	0.358	0.398	0.413	0.303
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	0.1226	0.1644	0.1775	0.1854	0.2014	0.2181	0.2454	0.2876	0.3120	0.3414	0.4059	0.5794	1.0000
RP10/A	0.1869	0.2591	0.2798	0.2922	0.3148	0.3403	0.3817	0.4117	0.4786	0.5235	0.6185	0.8837	1.4371
RP25/A	0.2247	0.3135	0.3368	0.3493	0.3761	0.4039	0.4504	0.4825	0.5552	0.6129	0.7196	1.0283	1.6243
RP50/A	0.2504	0.3529	0.3779	0.3902	0.4200	0.4493	0.4988	0.5321	0.6079	0.6756	0.7898	1.1288	1.7508
RP100/A	0.2752	0.3914	0.4178	0.4298	0.4629	0.4930	0.5452	0.5793	0.6576	0.7353	0.8563	1.2229	1.8683
RP1000/A	0.3536	0.5147	0.5449	0.5549	0.5967	0.6302	0.6866	0.7252	0.8081	0.9196	1.0000	1.5154	2.2171
RP10000/A	0.4283	0.6338	0.6688	0.6741	0.7245	0.7598	0.8252	0.8608	0.9451	1.0000	1.2472	1.7833	2.5262
PMP/A	0.8640	1.2248	1.3221	1.3692	1.4702	1.5822	1.7619	1.8850	2.1934	2.3849	2.7987	4.0035	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 430 3791 0	STATION NAME HARRISON DULCH	ELEV 2710	SEC 14	TWP 29N	RNG LOT 10W	BWM H	LATITUDE 40.367	LONGITUDE 122.967	COUNTY CODE 45				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.11	4.05	4.78	5.25	5.71	6.16	7.12	7.81	9.28	10.26	12.67	18.38	35.75
5	4.36	5.93	6.87	7.47	8.11	8.70	9.97	10.84	12.77	14.20	17.40	25.25	46.46
10	5.17	7.01	8.23	8.91	9.65	10.30	11.71	12.69	14.82	16.60	20.23	29.37	52.54
20	5.92	8.14	9.51	10.24	11.09	11.78	13.35	14.36	16.64	18.77	22.76	33.06	57.80
25	6.15	8.49	9.91	10.65	11.53	12.24	13.85	14.88	17.20	19.44	23.54	34.18	54.38
40	6.26	9.21	10.73	10.85	11.75	13.16	14.87	15.92	18.32	20.80	25.11	36.46	62.55
50	6.85	9.56	11.12	11.90	12.88	13.62	15.34	16.41	18.83	21.43	25.83	37.52	64.00
100	7.53	10.60	12.29	13.10	14.18	14.94	16.76	17.86	20.37	23.32	28.01	40.60	68.30
200	8.19	11.62	13.44	14.28	15.45	16.23	18.14	19.26	21.83	25.14	30.09	43.71	72.35
1000	9.68	13.94	16.03	16.92	18.29	19.10	21.21	22.36	25.03	29.17	34.67	50.37	81.05
10000	11.72	17.16	19.62	20.55	22.21	23.03	25.37	26.54	29.27	34.60	40.79	59.27	92.35
PMP	23.64	33.16	38.90	41.74	45.07	47.95	54.17	58.12	67.94	75.63	91.54	133.07	218.61
MEAN	3.356	4.451	5.222	5.683	6.174	6.616	7.577	8.250	9.664	10.828	13.276	19.257	36.556
CLOCK HR. COR.	1.140	1.670	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.110	0.130	0.171	0.150	0.181	0.180	0.167	0.154	0.120	0.135	0.195	0.346	0.482
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOSIS	3.169	5.690	3.837	3.852	4.101	3.935	3.443	3.364	3.137	3.464	2.580	2.136	2.853
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1966	1965	1965	1965	1965	1965	1965	1965	1965	1965	1956	1956	1956
RECORD MAXIMUM	4.690	8.260	9.050	9.840	10.520	10.850	12.250	13.180	16.180	18.640	20.500	28.910	59.030
NORMALIZED MAX	1.410	2.588	2.404	2.469	2.473	2.217	2.227	2.258	2.276	2.470	1.924	1.782	2.291
CALC. COEF. VAR	0.282	0.331	0.305	0.294	0.285	0.289	0.277	0.262	0.296	0.292	0.261	0.281	0.266
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	0.0918	0.1218	0.1428	0.1555	0.1689	0.1808	0.2073	0.2257	0.2643	0.2962	0.3632	0.5268	1.0000
RP10/A	0.1414	0.1919	0.2252	0.2436	0.2640	0.2819	0.3210	0.3472	0.4055	0.4541	0.5534	0.8034	1.4371
RP25/A	0.1682	0.2321	0.2711	0.2913	0.3154	0.3346	0.3768	0.4049	0.4704	0.5318	0.6438	0.9350	1.6243
RP50/A	0.1874	0.2614	0.3042	0.3254	0.3523	0.3725	0.4195	0.4568	0.5151	0.5681	0.6861	1.0283	1.7508
RP100/A	0.2003	0.2899	0.3363	0.3584	0.3879	0.4087	0.4566	0.4866	0.5571	0.6379	0.7662	1.1128	1.8683
RP1000/A	0.2647	0.3812	0.4386	0.4628	0.5004	0.5224	0.6012	0.6177	0.6847	0.7978	0.9484	1.3778	2.2171
RP10000/A	0.3206	0.4694	0.5367	0.5621	0.6076	0.6299	0.6941	0.7260	0.8007	0.9464	1.1159	1.6214	2.5262
PMP/A	0.6467	0.9671	1.0842	1.1418	1.2330	1.3117	1.4819	1.5899	1.8584	2.0690	2.5040	3.6401	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 430 8578 0	STATION NAME STONYFORD COOLEY RCH	ELEV 519	SEC 3020	TWP 08	RNG LOT 16N 07N M	BM M	LATITUDE 39+255	LONGITUDE 122+8+8	COUNTY 06				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.95	6.76	8.00	8.73	9.43	10.22	11.64	12.94	14.66	16.20	20.18	29.72	54.87
5	6.93	9.73	11.48	12.43	13.39	14.43	16.30	17.96	20.20	22.42	27.71	40.84	71.32
10	8.21	11.71	13.76	14.81	15.94	17.10	19.19	21.92	23.35	25.26	32.22	47.50	80.64
20	9.40	13.58	15.90	17.02	18.31	19.55	21.83	23.79	26.33	29.65	36.26	53.46	88.72
25	9.77	14.17	16.56	17.71	19.05	20.31	22.64	24.84	27.20	30.70	37.49	55.27	91.14
40	9.95	15.39	17.94	18.65	19.41	21.07	24.31	26.37	28.97	32.84	39.99	58.97	96.01
50	10.88	15.96	18.58	19.79	21.27	22.59	25.08	27.17	29.79	33.84	41.15	60.87	98.23
100	11.96	17.70	20.55	21.79	23.42	24.79	27.41	29.58	32.22	36.33	44.61	65.79	104.83
200	13.01	19.40	22.47	23.75	25.51	26.92	29.67	31.55	34.55	38.70	47.93	70.69	111.04
1000	15.37	23.27	26.80	28.14	30.22	31.69	34.66	37.04	39.60	46.06	55.22	81.45	124.40
10000	18.62	28.65	32.79	34.18	36.69	38.21	41.49	43.96	46.31	54.63	66.97	95.85	141.74
PMP	37.56	55.37	65.02	69.42	74.45	79.56	88.59	96.26	107.47	119.44	145.80	215.19	335.53
MEAN	5.331	7.433	8.728	9.451	10.198	10.967	12.391	13.864	15.287	17.100	21.145	31.142	56.109
CLOCK NR. COR.	1.140	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.981	1.491	1.379	1.338	1.330	1.265	1.265	1.026	.080	.127	.802	.222	1.439
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	3.335	5.581	5.572	5.402	5.269	5.018	5.030	5.171	2.600	2.917	4.347	2.558	2.903
N	36	36	36	36	36	36	36	36	35	35	36	36	36
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1956	1970	1965	1941	1958
RECORD MAXIMUM	9.300	17.630	20.390	22.938	24.650	26.050	28.359	30.460	27.120	30.430	45.230	53.460	98.740
NORMALIZED MAX	1.774	3.101	3.144	3.117	3.123	3.052	3.282	3.183	3.174	2.208	3.393	1.950	2.233
CALC. COEF. VAR	.420	.458	.424	.445	.454	.451	.398	.388	.356	.353	.374	.367	.325
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.0950	.1325	.1556	.1684	.1818	.1955	.2208	.2435	.2725	.3048	.3769	.5550	1.0000
RP10/A	.1464	.2087	.2452	.2684	.2894	.3041	.3421	.3747	.4180	.4673	.5743	.8465	1.4339
RP25/A	.1741	.2526	.2952	.3150	.3395	.3619	.4036	.4391	.4868	.5471	.6881	.9851	1.6243
RP50/A	.1940	.2844	.3312	.3526	.3791	.4026	.4470	.4843	.5309	.6030	.7333	1.0813	1.7508
RP100/A	.2132	.3154	.3682	.3884	.4174	.4418	.4886	.5273	.5742	.6563	.7950	1.1725	1.8683
RP1000/A	.2740	.4147	.4776	.5014	.5385	.5646	.6181	.6801	.7557	.8841	1.4517	2.2171	
RP10000/A	.3318	.5107	.5845	.6091	.6539	.6810	.7395	.7834	.8653	.9737	1.1580	1.7083	2.5262
PMP/A	.6694	.9869	1.1589	1.2372	1.3269	1.4160	1.5789	1.7157	1.9154	2.1288	2.5984	3.8352	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A30 8587 0	STATION NAME STONY GORGE RESERVOIR	ELEV 770	SEC 16	TWP 20N	RNG LOT 06W	BM M	LATITUDE 39+583	LONGITUDE 122+533	COUNTY 11				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.94	2.60	2.87	3.09	3.36	3.60	4.09	4.48	5.29	5.83	7.06	10.45	18.81
5	2.72	3.74	4.12	4.39	4.77	5.08	5.72	6.22	7.28	8.06	9.70	14.35	24.45
10	3.23	4.50	4.94	5.23	5.68	6.02	6.74	7.28	8.45	9.43	11.27	16.69	27.04
20	3.69	5.22	5.70	6.02	6.52	6.88	7.66	8.24	9.49	10.68	12.89	18.79	30.41
25	3.84	5.44	5.94	6.26	6.79	7.15	7.95	8.53	9.81	11.04	13.12	19.43	31.24
40	3.91	5.91	6.44	6.38	6.92	7.70	8.53	9.13	10.44	11.81	13.99	20.72	32.91
50	4.28	6.13	6.67	6.99	7.58	7.96	8.80	9.41	10.74	12.17	14.40	21.32	33.67
100	4.70	6.79	7.37	7.70	8.34	8.73	9.62	10.24	11.61	13.24	15.61	23.12	35.94
200	5.11	7.45	8.06	8.39	9.09	9.48	10.41	11.04	12.45	14.28	16.77	24.84	38.07
400	6.04	8.93	9.62	9.94	10.77	11.16	12.17	12.82	14.27	16.56	19.32	28.63	42.84
1000	7.31	11.00	11.77	12.08	13.07	13.45	14.57	15.22	16.69	19.65	22.73	33.69	48.59
PMP	14.75	21.26	23.33	24.53	26.53	28.62	31.10	33.32	36.74	42.95	51.01	75.83	115.02
MEAN	2.094	2.854	3.132	3.340	3.634	3.862	4.349	4.730	5.511	6.149	7.398	10.945	19.234
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.168	.001	.250	.231	.352	.389	.937	.915	.801	.522	1.191	1.315	1.508
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	2.957	2.235	2.676	2.859	3.000	3.196	5.142	5.050	4.363	3.642	5.871	5.732	6.740
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1959	1958	1952	1941	1941	1941	1941	1941	1941	1941	1958	1941	1941
RECORD MAXIMUM	2.970	3.960	5.000	5.450	6.130	6.570	8.890	9.940	11.110	11.590	16.510	25.220	45.330
NORMALIZED MAX	1.559	1.353	1.942	2.030	2.365	2.406	3.364	3.384	3.133	2.642	3.314	3.415	3.876
CALC. COEF. VAR	.268	.287	.307	.311	.268	.291	.312	.325	.324	.335	.372	.384	.369
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1089	.1484	.1628	.1736	.1889	.2008	.2261	.2459	.2865	.3197	.3847	.5690	1.0000
RP10/A	.1677	.2338	.2567	.2721	.2953	.3130	.3503	.3784	.4395	.4902	.5882	.8679	1.4371
RP25/A	.1995	.2829	.3090	.3254	.3529	.3718	.4133	.4435	.5098	.5739	.6891	1.0099	1.6243
RP50/A	.2223	.3185	.3467	.3635	.3940	.4136	.4577	.4870	.5582	.6326	.7485	1.1086	1.7508
RP100/A	.2443	.3532	.3803	.4004	.4319	.4548	.5003	.5325	.6038	.6805	.8115	1.2021	1.8683
RP1000/A	.3140	.4645	.4999	.5169	.5598	.5801	.6370	.6668	.7421	.8611	1.0045	1.4863	2.2171
RP10000/A	.3803	.5719	.6118	.6279	.6797	.6995	.7573	.7912	.8678	1.0214	1.1819	1.7514	2.5262
PMP/A	.7671	1.1053	1.2130	1.2754	1.3792	1.4567	1.6168	1.7326	2.0141	2.2331	2.6522	3.9320	5.9800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A40 1624 0	STATION NAME CENTERVILLE PH	ELEV 23	SEC 520	TWP 05	RNG LOT 22N	8WM 03E	LATITUDE 39.783	LONGITUDE 121.667	COUNTY CODE 04	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300
2	3.61	5.02	5.68	6.21	6.81	7.38	8.30	9.14	10.84	11.98
5	4.83	6.93	7.94	8.66	9.44	10.17	11.39	12.48	14.64	16.32
10	5.61	8.21	9.42	10.24	11.14	11.93	13.32	14.51	16.88	18.97
20	6.34	9.41	10.81	11.71	12.72	13.55	15.07	16.35	18.87	21.37
25	6.56	9.79	11.24	12.17	13.21	14.05	15.61	16.91	19.47	22.10
30	6.67	10.57	12.13	12.39	13.45	15.08	16.71	18.07	20.69	23.60
40	7.24	10.94	12.55	13.54	14.68	15.56	17.22	18.60	21.25	24.28
50	7.10	12.05	13.82	14.88	16.11	17.01	18.77	20.22	22.92	26.38
100	8.54	13.15	15.07	16.17	17.51	18.42	20.27	21.74	24.52	28.39
200	9.99	15.64	17.88	19.09	20.63	21.58	23.60	25.15	28.01	32.83
1000	11.97	19.10	21.77	23.10	24.94	25.89	28.12	29.75	32.63	38.82
PMP	23.54	36.29	42.70	46.49	50.05	53.23	59.37	64.49	74.76	84.08
MEAN	3.850	5.453	6.152	6.684	7.322	7.878	8.802	9.625	11.259	12.665
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.098	2.078	1.916	1.610	1.110	.853	.417	.201	.093	.100
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
KURTOSIS	4.915	11.634	10.899	9.224	6.212	4.893	2.770	2.484	2.462	2.623
N	56	56	56	56	56	56	56	56	56	56
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1965	1956
RECORD MAXIMUM	7.150	13.150	15.120	16.290	16.660	16.660	16.660	16.660	20.140	21.210
NORMALIZED MAX	2.630	4.315	4.426	4.392	3.882	3.522	2.670	2.236	2.445	2.186
CALC. COEF. VAR	.329	.327	.329	.330	.329	.317	.334	.327	.323	.312
REGION. COEF. VAR	.341	.377	.396	.377	.389	.383	.383	.380	.376	.378
USED COEF. VAR	.341	.377	.396	.377	.389	.384	.383	.380	.376	.378
MEAN/A	.0916	.1298	.1464	.1591	.1742	.1874	.2095	.2290	.2679	.3000
RP10/A	.1335	.1953	.2241	.2438	.2651	.2838	.3169	.3454	.4018	.4515
RP25/A	.1562	.2329	.2744	.2895	.3143	.3344	.3714	.4025	.4633	.5260
RP50/A	.1724	.2602	.2987	.3223	.3494	.3703	.4090	.4455	.5056	.5781
RP100/A	.1881	.2869	.3290	.3540	.3834	.4049	.4467	.4807	.5455	.6278
RP1000/A	.2376	.3722	.4256	.4542	.4910	.5135	.5695	.6065	.7812	.9131
RP10000/A	.2849	.4546	.5182	.5496	.5934	.6161	.6691	.7079	.7764	.9237
PMP/A	.5603	.8636	1.0160	1.1063	1.1969	1.2668	1.4128	1.5346	1.7791	2.0008

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB A40 2402 0	STATION NAME OE SABLE	ELEV 41	SEC 2700	11	TWP 23N	RNG LOT 03E	8WM 03E	LATITUDE 39.867	LONGITUDE 121.617	COUNTY CODE 04
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300
2	5.04	6.91	8.10	9.01	9.86	10.76	12.42	13.62	16.29	18.11
5	6.73	9.53	11.33	12.57	13.68	14.82	17.05	18.59	22.01	24.68
10	7.82	11.29	13.44	14.86	16.14	17.39	19.92	21.62	25.37	28.69
20	8.84	12.94	15.42	16.99	18.42	19.76	22.54	24.36	28.35	32.31
25	9.15	13.46	16.04	17.65	19.13	20.49	23.35	25.20	29.28	33.42
30	9.30	14.54	17.32	19.17	20.47	22.00	25.00	26.91	31.09	35.69
40	10.10	15.04	17.91	19.65	21.27	22.69	25.77	27.70	31.93	36.73
50	11.02	16.58	19.73	21.58	23.34	24.81	28.08	30.49	34.45	39.89
100	11.91	18.09	21.51	23.46	25.25	26.87	30.32	32.39	36.85	42.93
200	13.92	21.51	25.52	27.69	29.88	31.47	35.30	37.48	42.09	49.64
1000	16.09	26.28	31.08	33.51	36.12	37.75	42.00	44.31	49.03	58.70
PMP	32.83	49.92	60.94	67.44	72.48	77.63	88.81	96.00	112.36	127.14
MEAN	5.369	7.501	8.781	9.697	10.604	11.484	13.167	14.338	16.921	19.001
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.410	1.713	1.318	1.088	.877	.714	.340	.266	.135	.390
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
KURTOSIS	6.466	8.698	6.507	5.393	4.398	3.757	2.462	2.312	2.221	2.345
N	69	69	69	69	69	69	69	69	69	69
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1956	1938	1965
RECORD MAXIMUM	11.270	18.750	21.670	23.500	23.760	23.760	24.060	25.210	28.510	38.490
NORMALIZED MAX	3.123	3.889	3.909	3.643	3.388	3.298	2.305	2.139	2.918	2.910
CALC. COEF. VAR	.352	.386	.376	.376	.366	.358	.359	.355	.354	.349
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378
MEAN/A	.0856	.1196	.1400	.1547	.1691	.1832	.2100	.2287	.2699	.3040
RP10/A	.1248	.1800	.2144	.2370	.2574	.2774	.3177	.3448	.4047	.4576
RP25/A	.1459	.2147	.2515	.2815	.3050	.3274	.3724	.4019	.4690	.5260
RP50/A	.1611	.2399	.2857	.3134	.3392	.3619	.4109	.4418	.5093	.5689
RP100/A	.1758	.2645	.3147	.3442	.3722	.3957	.4479	.4799	.5462	.6063
RP1000/A	.2221	.3431	.4071	.4416	.4766	.5018	.5930	.6713	.7917	.9137
RP10000/A	.2662	.4191	.4867	.5240	.5610	.5870	.7068	.7962	.9362	1.1790
PMP/A	.5236	.7662	.9719	1.0756	1.1560	1.2381	1.4165	1.5323	1.7920	2.0277

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND	LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE
440 4544 0	KILARC POWERHOUSE	2650	33	33N	01E	D	M	41.600	121.872	45	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.83	3.73	4.36	4.77	5.14	5.56	6.45	7.21	8.71	9.57	11.95
5	3.78	5.14	6.10	6.65	7.13	7.69	8.86	9.84	11.76	13.04	16.19
10	4.39	6.09	7.24	7.87	8.42	9.02	10.35	11.44	13.56	15.15	18.73
20	4.96	6.98	8.31	9.00	9.61	10.24	11.71	12.89	15.15	17.07	21.00
25	5.14	7.26	8.64	9.35	9.98	10.62	12.13	13.34	15.64	17.65	21.69
40	5.22	7.84	9.33	9.52	10.16	11.40	12.99	14.25	16.62	18.65	23.10
50	5.67	8.12	9.65	10.41	11.07	11.76	13.39	14.67	17.07	19.40	23.75
100	6.19	8.95	10.63	11.43	12.17	12.86	15.43	16.81	20.02	22.69	26.69
200	6.69	9.76	11.58	12.43	13.22	13.93	15.76	17.14	19.69	22.67	27.56
1000	7.82	11.61	13.75	14.67	15.59	16.31	18.34	19.83	22.62	25.67	31.66
10000	9.37	14.18	16.74	17.75	18.81	19.57	21.86	23.66	26.26	31.60	37.14
PMP	16.43	26.94	32.82	35.73	37.80	40.25	46.15	50.85	60.05	67.15	82.60
MEAN	3.014	4.047	4.729	5.137	5.531	5.953	6.842	7.590	9.043	10.068	12.496
CLOCK MR. COR.	1.140	1.670	1.840	1.920	2.010	2.100	2.400	2.600	3.000	3.300	4.000
CLOCK MR. COR.	1.369	1.977	2.184	2.280	2.372	2.466	2.739	2.950	3.402	3.680	4.450
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400
KURTOSIS	5.751	8.522	7.181	7.701	7.600	6.206	4.111	3.358	3.638	3.310	2.515
RECORD YEAR	1938	1938	1963	1963	1963	1963	1970	1970	1970	1970	1970
RECORD MAXIMUM	5.950	9.900	10.810	12.620	13.520	13.520	13.730	13.730	16.410	17.600	19.180
NORMALIZED MAX	2.728	3.616	3.385	3.878	4.010	3.758	3.258	2.858	2.780	2.601	1.988
CALC. COEF. VAR	.357	.400	.380	.376	.360	.338	.309	.293	.288	.269	.291
REGIONAL COEF. VAR	.377	.377	.377	.377	.377	.377	.377	.377	.377	.377	.377
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.374	.365
MEAN/A	.0691	.0928	.1084	.1178	.1268	.1365	.1569	.1741	.2074	.2309	.2866
RP10/A	.1007	.1397	.1660	.1805	.1930	.2068	.2374	.2625	.3110	.3475	.4294
RP25/A	.1178	.1666	.1981	.2144	.2288	.2436	.2782	.3059	.3568	.4048	.4974
RP50/A	.1300	.1861	.2212	.2387	.2544	.2698	.3071	.3363	.3914	.4450	.5445
RP100/A	.1419	.2052	.2437	.2622	.2791	.2950	.3347	.3653	.4222	.4832	.5892
RP1000/A	.1793	.2662	.3152	.3364	.3574	.3741	.4206	.4548	.5158	.6013	.7260
RP10000/A	.2149	.3252	.3838	.4071	.4320	.4488	.5012	.5380	.6010	.7110	.8518
PMP/A	.4226	.6177	.7600	.8194	.8669	.9230	1.0584	1.1683	1.3771	1.5400	1.8943

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND	LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE
440 5311 0	MANZANITA LAKE	5850	18	31N	04E		M	40.533	121.567	45	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	3.04	4.11	4.80	5.34	5.80	6.23	7.12	7.81	9.22	10.19	12.30
5	4.07	5.68	6.71	7.44	8.05	8.58	9.78	10.66	12.43	13.88	16.66
10	4.73	6.72	7.97	8.80	9.49	10.06	11.43	12.40	14.36	16.14	19.27
20	5.34	7.71	9.14	10.06	10.84	11.43	12.93	13.98	16.04	18.18	21.61
25	5.63	8.02	9.50	10.46	11.25	11.86	13.39	14.46	16.55	18.80	22.32
40	5.82	8.66	10.26	10.95	11.66	12.73	14.34	15.44	17.59	20.06	23.77
50	6.10	8.96	10.61	11.64	12.51	13.13	14.78	15.90	18.07	20.67	24.43
100	6.66	9.88	11.69	12.78	13.73	14.36	16.11	17.26	19.49	22.44	26.44
200	7.20	10.77	12.75	13.90	14.92	15.55	17.39	18.58	20.85	24.15	28.36
1000	8.41	12.81	15.12	16.40	17.58	18.20	20.24	21.50	23.81	27.93	32.58
10000	10.06	15.05	18.42	19.85	21.25	21.84	24.12	25.43	27.74	33.02	38.22
PMP	19.63	29.73	36.11	39.96	42.65	44.92	50.94	55.12	63.57	71.52	85.86
MEAN	3.242	4.447	5.203	5.745	6.240	6.644	7.552	8.227	9.573	10.723	12.660
CLOCK MR. COR.	1.140	1.670	1.840	1.920	2.010	2.100	2.400	2.600	3.000	3.300	4.000
CLOCK MR. COR.	1.265	1.955	2.023	2.108	2.192	2.276	2.583	2.837	3.310	3.681	4.450
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400
KURTOSIS	4.368	4.171	3.793	3.990	4.324	3.766	3.112	2.684	2.724	3.021	2.645
RECORD YEAR	26	26	26	26	26	26	26	26	26	26	26
RECORD MAXIMUM	5.900	9.920	10.730	12.380	13.910	13.910	14.420	15.250	17.200	20.030	21.760
NORMALIZED MAX	2.094	2.284	2.271	2.711	2.711	2.711	2.711	2.711	2.711	2.711	2.711
CALC. COEF. VAR	.409	.436	.448	.449	.453	.458	.427	.408	.397	.384	.354
REGIONAL COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374
MEAN/A	.0759	.1046	.1218	.1345	.1461	.1556	.1769	.1927	.2242	.2511	.3011
RP10/A	.1106	.1574	.1866	.2062	.2237	.2357	.2675	.2965	.3362	.3780	.4501
RP25/A	.1284	.1878	.2235	.2449	.2635	.2776	.3136	.3386	.3899	.4403	.5262
RP50/A	.1429	.2098	.2486	.2726	.2930	.3075	.3441	.3722	.4231	.4639	.5522
RP100/A	.1558	.2313	.2736	.2994	.3216	.3362	.3742	.4043	.4564	.4972	.5916
RP1000/A	.1969	.3001	.3542	.3841	.4118	.4263	.4761	.5034	.5576	.6040	.7108
RP10000/A	.2313	.3649	.4313	.4649	.4917	.5085	.5649	.5963	.6549	.7033	.8269
PMP/A	.4043	.6962	.8456	.9357	.9968	1.0516	1.1929	1.2908	1.4886	1.6749	1.9906

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY
440 5679 0	MINERAL	4910	25	29N	03E		M	40.350	121.600	COE
										52
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
300	400	600	3650							
2	4.44	5.96	6.99	7.64	8.41	9.05	10.23	11.11	13.12	14.40
5	5.93	8.23	9.77	10.67	11.66	12.47	14.04	15.17	17.73	19.63
10	6.89	9.75	11.59	12.61	13.78	14.63	16.41	17.64	20.44	22.81
20	7.78	11.18	13.30	14.42	15.70	16.62	18.57	19.87	22.84	25.69
25	8.05	11.83	13.83	14.98	16.31	17.23	19.23	20.57	23.57	26.58
40	8.19	12.55	14.93	15.26	16.80	18.50	20.59	21.96	25.05	28.38
50	8.89	12.99	15.45	16.68	18.13	19.09	21.22	22.60	25.73	29.21
100	9.70	14.32	17.02	18.32	19.70	20.87	23.12	24.55	27.75	31.72
200	10.49	15.82	18.55	19.91	21.81	22.60	24.98	26.42	29.69	34.14
1000	12.26	18.58	22.01	23.50	25.48	26.46	29.08	30.57	33.91	39.48
10000	14.69	22.69	26.80	28.44	30.79	31.75	34.65	36.15	39.50	46.68
PMP	28.90	43.10	52.55	57.24	61.79	65.29	73.16	78.38	90.52	101.10
									118.81	168.49
										281.92
MEAN	4.726	6.477	7.572	8.231	9.041	9.658	10.846	11.699	13.632	15.157
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.137	2.117	1.794	1.579	1.485	1.324	.951	.884	.591	.410
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
KURTOSIS	5.897	9.212	7.480	6.352	5.900	5.189	4.091	3.688	2.821	3.339
N	48	48	48	48	48	48	48	48	48	48
RECORD YEAR	1963	1963	1963	1963	1963	1963	1956	1965	1956	1974
RECORD MAXIMUM	10.400	18.850	21.810	22.670	23.930	24.010	24.110	24.540	25.860	37.030
NORMALIZED MAX	2.940	3.793	3.766	3.650	3.530	3.245	2.885	2.453	2.273	2.554
CALC. COEF. VAR	.423	.504	.499	.487	.467	.458	.424	.414	.395	.375
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.376	.378	.374
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.376	.378	.374
MEAN/A	.0899	.1233	.1441	.1566	.1720	.1838	.2054	.2225	.2594	.2884
RP10/A	.1311	.1855	.2204	.2400	.2618	.2784	.3123	.3357	.3890	.4342
RP25/A	.1533	.2212	.2632	.2851	.3103	.3280	.3680	.3912	.4485	.5058
RP50/A	.1692	.2472	.2940	.3174	.3450	.3632	.4039	.4301	.4896	.5559
RP100/A	.1846	.2725	.3238	.3486	.3786	.3971	.4402	.4637	.5282	.6037
RP1000/A	.2333	.3535	.4188	.4472	.4848	.5038	.5533	.5817	.6453	.7512
RP10000/A	.2796	.4318	.5100	.5412	.5860	.6042	.6593	.6888	.7517	.8883
PMP/A	.5499	.8202	1.0000	1.0893	1.1759	1.2425	1.3922	1.4916	1.7225	1.9239
									2.2610	3.2084
										5.3650

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY
440 9390 0	VOLTA POWER HOUSE	2200	16	30N	01E		M	40.450	121.867	COE
										45
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
300	400	600	3650							
2	2.59	3.25	3.65	3.93	4.12	4.51	5.36	6.00	7.24	8.14
5	3.46	4.49	5.10	5.49	5.72	6.21	7.35	8.20	9.79	11.10
10	4.02	5.31	6.05	6.49	6.74	7.29	8.59	9.53	11.28	12.90
20	4.54	6.09	6.95	7.42	7.70	8.28	9.72	10.74	12.61	14.53
40	4.71	6.34	7.22	7.71	7.99	8.59	10.07	11.11	13.01	15.03
50	4.70	6.85	7.80	7.85	8.14	9.22	10.78	11.87	13.63	16.05
100	5.19	7.08	8.07	8.58	8.89	9.51	11.11	12.21	14.20	16.52
200	5.87	7.81	8.99	9.42	9.75	10.40	12.11	13.27	15.32	17.94
1000	6.13	8.52	9.69	10.24	10.60	11.26	13.07	14.28	16.39	19.30
10000	7.16	10.13	11.49	12.09	12.49	13.19	15.22	16.52	18.72	22.32
PMP	8.58	12.37	14.00	14.63	15.09	15.82	18.14	19.54	21.81	26.33
	16.88	23.50	27.44	29.45	30.29	32.54	38.30	42.54	49.97	57.17
									72.39	104.07
										181.74
MEAN	2.761	3.532	3.955	4.234	4.432	4.813	5.678	6.322	7.525	8.571
CLOCK HR. COR.	1.100	1.070	1.040	1.010	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.156	.051	.481	.850	.868	.702	.606	.714	.988	.605
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
KURTOSIS	2.935	2.554	2.937	3.643	3.397	3.413	3.418	3.159	3.933	2.742
N	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1970	1970	1970	1970	1970	1970	1969	1970	1970	1966
RECORD MAXIMUM	3.700	5.180	6.180	6.680	6.880	7.280	9.080	9.840	12.700	13.620
NORMALIZED MAX	1.114	1.607	1.924	2.156	2.206	2.330	2.124	2.468	2.142	1.747
CALC. COEF. VAR	.305	.290	.293	.286	.250	.229	.257	.254	.279	.287
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.376	.378	.374
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.376	.378	.374
MEAN/A	.0815	.1043	.1167	.1250	.1308	.1421	.1676	.1866	.2221	.2530
RP10/A	.1187	.1569	.1787	.1915	.1991	.2152	.2535	.2814	.3331	.3868
RP25/A	.1389	.1871	.2132	.2275	.2359	.2572	.3279	.3841	.4436	.5610
RP50/A	.1533	.2091	.2381	.2532	.2623	.2808	.3280	.3805	.4192	.4876
RP100/A	.1713	.2305	.2623	.2781	.2819	.304	.3574	.3916	.4522	.5295
RP1000/A	.2114	.2990	.3393	.3569	.3668	.3893	.4493	.4876	.5525	.6589
RP10000/A	.2533	.3652	.4131	.4319	.4455	.4671	.5353	.5767	.6436	.7791
PMP/A	.4983	.6938	.8101	.8693	.8941	.9605	1.1304	1.2502	1.4749	1.6875
									1.9609	2.1366
										3.0720
										5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 450 1130 0	STATION NAME BRUSH CREEK	ELEV 407	SEC 3560	TWP 07	RNG LOT 21N 06E M	BWM M	LATITUDE 39.691	LONGITUDE 121.338	COUNTY 04				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.08	7.94	9.43	10.72	11.81	12.70	14.38	15.94	19.12	21.16	24.92	37.46	71.22
5	6.13	10.96	13.16	14.96	16.37	17.49	19.74	21.76	25.03	28.84	33.75	50.39	89.88
10	9.44	12.97	15.45	17.69	19.31	20.52	23.07	25.30	29.78	33.53	39.04	58.15	100.45
20	10.66	14.88	17.95	20.22	22.05	23.31	26.10	28.51	33.28	37.76	43.77	65.08	109.62
25	11.04	15.47	18.67	21.01	22.89	24.18	27.04	29.49	34.34	39.05	45.21	67.19	112.37
40	11.23	16.10	20.15	22.41	24.31	25.95	28.95	31.50	36.43	41.71	48.14	71.49	117.70
50	12.19	17.29	20.85	23.39	25.46	27.17	30.42	32.42	37.48	42.93	49.50	73.48	120.42
100	13.30	19.06	22.97	25.69	27.93	29.27	32.52	35.22	40.44	46.62	53.56	79.43	127.90
200	14.38	20.79	25.04	27.93	30.35	31.70	35.11	37.91	43.25	50.17	57.45	85.13	134.95
1000	16.81	24.73	29.71	32.96	35.77	37.12	40.87	43.65	49.40	58.01	66.00	97.65	150.11
10000	20.15	30.20	36.17	39.69	43.23	44.54	48.70	51.86	57.56	68.60	77.43	114.41	169.78
PMP	39.62	57.38	70.93	80.29	86.76	91.59	102.85	112.44	131.88	148.58	172.19	253.27	389.64
MEAN	6.480	8.621	10.220	11.544	12.693	13.549	15.248	16.782	19.862	22.276	26.049	39.115	72.626
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.100	1.178	1.253	1.099	.890	.700	.276	.161	-0.035	.282	.122	.072	.035
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.140	5.601	6.462	5.563	4.067	3.498	2.736	2.459	2.374	3.455	2.974	2.531	2.197
N	39	39	39	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	1963	1963	1963	1963	1963	1963	1965	1965	1970	1965	1956	1970	1938
RECORD MAXIMUM	11.400	18.750	23.700	25.990	26.010	26.010	26.040	28.720	33.040	43.080	46.020	63.100	108.410
NORMALIZED MAX	15.98	3.624	3.328	3.264	2.777	2.443	1.966	1.974	2.678	2.333	1.969	1.331	1.812
CALC. COEF. VAR	.380	.389	.396	.383	.378	.373	.350	.360	.341	.349	.339	.331	.272
REGN. COEF. VAR	.341	.377	.396	.377	.389	.384	.383	.380	.376	.378	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374	.365	.291
MEAN/A	.0892	.1187	.1407	.1589	.1748	.1866	.2099	.2311	.2735	.3067	.3587	.5386	1.0000
RP10/A	.1300	.1786	.2154	.2436	.2659	.2826	.3176	.3484	.4101	.4617	.5375	.8000	1.3832
RP25/A	.1521	.2131	.2571	.2892	.3167	.3382	.3721	.4061	.4729	.5378	.6225	.9252	1.5472
RP50/A	.1679	.2380	.2871	.3220	.3505	.3687	.4108	.4455	.5161	.5911	.6815	1.0117	1.6580
RP100/A	.1831	.2624	.3162	.3537	.3846	.4031	.4477	.4849	.5568	.6419	.7374	1.0736	1.7611
RP1000/A	.2314	.3405	.4070	.4538	.4925	.5112	.5628	.6038	.6802	.7988	.9087	1.3446	2.0668
RP10000/A	.2774	.4159	.4981	.5492	.5953	.6133	.6705	.7141	.7925	.9445	1.0661	1.5753	2.3377
PMP/A	.9456	.7900	.9766	1.1055	1.1946	1.2611	1.4161	1.5482	1.8159	2.0458	2.3708	3.4973	5.3950

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 450 1159 0	STATION NAME BUCKS CREEK PH	ELEV 14	SEC 1760	SEC 29	TWP 24N	RNG 06E	LOT R H	BWM M	LATITUDE 39.911	LONGITUDE 121.327	COUNTY 32		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.06	7.19	8.64	9.72	10.58	11.56	12.99	14.45	17.03	18.68	22.39	33.21	64.89
5	6.77	9.92	12.07	13.57	14.67	15.93	17.82	19.72	23.01	25.45	30.32	44.68	81.49
10	7.86	11.75	14.33	16.04	17.30	18.69	20.83	22.94	26.53	29.59	35.07	51.55	91.83
20	8.88	13.47	16.44	18.34	19.75	21.23	23.57	25.84	29.64	33.32	39.32	57.70	99.88
25	9.19	14.01	17.10	19.05	20.51	22.02	24.41	26.73	30.59	34.47	40.92	59.57	102.38
40	9.35	15.13	18.46	19.40	20.88	22.03	24.14	26.55	32.50	36.30	43.25	63.38	107.42
50	10.15	15.65	19.09	21.21	22.81	24.39	26.94	29.39	33.38	37.88	44.47	65.14	109.72
100	11.07	17.25	21.03	23.30	25.03	26.66	29.36	31.92	36.02	41.14	48.12	70.42	116.53
200	11.97	18.83	22.93	25.33	27.19	28.87	31.70	34.36	38.52	44.27	51.91	75.47	122.96
1000	13.99	22.39	27.20	29.89	32.05	33.81	36.91	39.75	44.00	51.19	59.29	86.58	136.77
10000	16.77	27.34	33.13	36.17	38.73	40.57	43.98	47.01	51.26	60.53	69.56	101.43	154.69
PMP	32.99	51.94	64.95	72.81	77.73	83.42	92.87	101.92	117.46	131.11	154.69	224.54	355.01
MEAN	5.395	7.805	9.359	10.469	11.373	12.340	13.769	15.212	17.690	19.657	23.403	34.678	66.172
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.571	2.203	1.997	1.824	1.646	1.488	1.128	1.062	.896	1.176	.590	.130	1.144
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	6.787	9.838	9.110	8.007	7.741	6.378	4.325	3.488	3.061	6.032	3.708	2.518	2.232
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1965	1965	1965	1965	1965	1938
RECORD MAXIMUM	10.830	21.530	25.280	27.930	29.900	29.900	29.900	31.420	36.290	48.430	50.030	63.020	103.020
NORMALIZED MAX	2.750	3.777	3.621	3.772	3.757	3.391	2.803	2.638	2.749	3.604	3.013	2.357	2.017
CALC. COEF. VAR	.395	.466	.445	.442	.434	.420	.418	.404	.382	.397	.378	.347	.276
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374	.365	.291
MEAN/A	.0815	.1180	.1414	.1582	.1719	.1865	.2081	.2299	.2673	.2971	.3537	.5241	1.0000
RP10/A	.1188	.1775	.2165	.2424	.2615	.2825	.3148	.3466	.4009	.4471	.5300	.7790	1.3832
RP25/A	.1390	.2117	.2584	.2879	.3100	.3328	.3689	.4040	.4622	.5205	.6138	.9002	1.5472
RP50/A	.1534	.2365	.2885	.3205	.3447	.3685	.4072	.4442	.5045	.5725	.6720	.9944	1.6580
RP100/A	.1673	.2607	.3178	.3521	.3782	.4029	.4438	.4824	.5443	.6217	.7271	1.0842	1.7611
RP1000/A	.2114	.3363	.4111	.4517	.4863	.5110	.5578	.6049	.6849	.7736	.8890	1.3384	2.0668
RP10000/A	.2535	.4132	.5006	.5647	.5853	.6131	.6546	.7105	.7747	.9148	1.0512	1.5329	2.3377
PMP/A	.4985	.7850	.9816	1.1003	1.1747	1.2606	1.4035	1.5402	1.7751	1.9814	2.3377	3.3933	5.3950

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 450 1162 0			STATION NAME BUCKS LAKE P&E		ELEV 5206	SEC 33	TWP 24N	RNG LOT 07E F	8WM M	LATITUDE 39.894	LONGITUDE 121.263	COUNTY CODE 32	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.76	7.90	9.35	10.34	11.61	12.65	14.66	15.25	17.77	19.87	23.48	34.77	67.38
5	7.70	10.90	13.07	14.43	16.10	17.43	19.30	20.81	24.00	27.07	31.80	46.77	85.03
10	8.94	12.91	15.51	17.06	18.99	20.45	22.55	24.20	27.68	31.47	36.78	53.96	95.03
20	10.10	14.80	17.79	19.50	21.67	23.24	25.52	27.27	30.93	35.45	41.24	60.40	103.71
25	10.46	15.39	18.50	20.26	22.51	24.10	26.43	28.21	31.91	36.66	42.60	62.36	106.30
40	10.63	16.62	19.98	21.64	23.91	25.86	28.31	30.13	33.91	38.15	45.37	66.35	111.53
50	11.54	17.20	20.66	22.56	25.03	26.68	29.17	31.02	34.83	40.30	46.64	68.19	113.92
100	12.59	18.96	22.76	24.78	27.46	29.18	31.80	33.69	37.58	43.76	50.47	73.71	121.00
200	13.62	20.69	24.91	26.94	29.83	31.59	34.33	36.26	40.19	47.09	54.13	79.00	127.67
1000	15.92	26.40	29.44	31.79	35.16	37.00	39.96	41.94	45.91	54.46	62.19	90.42	142.01
10000	19.08	36.05	35.85	38.47	42.50	44.39	47.62	49.81	53.48	64.39	72.96	106.17	160.62
PMP	37.52	57.08	70.29	77.43	85.29	91.28	100.56	107.55	122.55	139.47	162.25	235.04	368.81
MEAN	6.136	8.577	10.129	11.133	12.479	13.503	14.909	16.053	18.457	20.909	24.547	36.299	67.707
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.894	1.271	1.241	1.184	1.088	0.971	1.002	0.852	1.596	1.026	0.508	0.084	0.000
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.200	0.000	0.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.200	0.000	0.000
KURTOSIS	3.130	4.539	4.255	3.968	3.529	3.682	3.762	3.772	3.920	7.850	5.502	3.159	2.132
N	38	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1936	1952
RECORD MAXIMUM	10.760	17.980	22.270	24.440	27.140	29.230	32.560	35.720	41.190	54.190	56.950	68.250	107.860
NORMALIZED MAX	1.634	2.415	2.575	2.734	2.933	2.737	2.843	2.895	3.011	3.062	3.421	2.368	1.901
CALC. COEF. VAR	0.413	0.454	0.465	0.437	0.436	0.426	0.417	0.423	0.409	0.412	0.386	0.372	0.303
REGN. COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.378	0.374	0.365	0.291
USED COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.378	0.374	0.365	0.291
MEAN/A	0.893	1.248	1.474	1.620	1.816	1.965	2.170	2.336	2.686	3.043	3.573	5.283	1.0000
RP10/A	1.301	1.879	2.257	2.483	2.764	2.977	3.283	3.523	4.026	4.501	5.354	7.584	1.3832
RP25/A	1.522	2.241	2.693	2.949	3.276	3.567	3.848	4.094	4.645	5.336	6.200	9.076	1.8472
RP50/A	1.686	2.503	3.007	3.283	3.642	3.884	4.246	4.514	5.069	5.865	6.788	9.924	1.6560
RP100/A	1.833	2.760	3.313	3.606	3.997	4.247	4.628	4.903	5.469	6.369	7.346	1.0728	1.7611
RP1000/A	2.316	3.581	4.285	4.627	5.118	5.385	5.817	6.082	7.028	8.051	1.3190	2.0068	
RP10000/A	2.777	4.373	5.218	5.559	6.186	6.461	6.931	7.212	7.784	9.372	1.0620	1.5453	2.3377
PMP/A	5.461	8.008	1.0231	1.1270	1.2414	1.3286	1.4636	1.5654	1.7837	2.0299	2.3615	3.4209	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 450 1497 0	STATION NAME CANYON DAM	ELEV 20	SEC 4555	TWP 28	RNG LOT 08E 0	8WM M	LATITUDE 46.172	LONGITUDE 121.087	COUNTY CODE 32				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.17	4.29	5.14	5.75	6.27	6.87	7.71	8.44	10.13	11.22	13.16	18.97	37.01
5	4.24	5.93	7.18	8.02	8.70	9.47	10.57	11.52	13.68	15.30	17.82	25.52	46.71
10	4.92	7.02	8.52	9.48	10.26	11.11	12.36	13.40	15.77	17.78	20.62	29.45	52.21
20	5.58	8.05	9.78	10.84	11.71	12.62	13.98	15.10	17.63	20.03	23.11	32.96	56.97
25	5.76	8.37	10.17	11.26	12.16	13.08	14.48	15.52	18.19	20.71	23.88	34.03	58.40
40	5.85	9.04	10.98	11.47	12.38	13.04	14.51	15.68	19.33	22.12	25.43	36.21	61.27
50	6.36	9.35	11.36	12.54	13.52	14.49	15.98	17.17	19.65	22.77	26.14	37.21	62.58
100	6.93	10.31	12.51	13.77	14.84	15.84	17.42	18.65	21.42	24.72	28.29	40.22	66.47
200	7.50	11.24	13.64	14.97	16.12	17.16	18.81	20.08	22.91	26.61	30.34	43.11	70.14
1000	8.76	13.37	16.18	17.67	19.00	20.09	21.90	23.23	26.17	30.77	34.85	49.46	78.01
10000	10.50	16.33	19.70	21.38	22.96	24.11	26.09	27.47	30.48	36.38	40.89	57.94	88.24
PMP	20.66	31.03	38.63	43.03	46.68	49.57	55.10	59.55	69.85	78.80	90.94	128.26	202.50
MEAN	3.378	4.662	5.567	6.187	6.742	7.333	8.169	8.889	10.520	11.813	13.757	19.809	37.745
CLOCK NR. COR.	1.146	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.932	1.123	1.131	0.954	1.110	1.083	0.997	0.829	0.821	1.215	0.859	0.358	0.405
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.200	0.000	0.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.200	0.000	0.000
KURTOSIS	3.775	5.572	5.483	4.808	5.039	4.873	4.288	3.506	3.152	5.109	4.087	2.764	2.899
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1967	1963	1963	1963	1963	1930	1930	1956	1909	1965	1965	1956	1938
RECORD MAXIMUM	5.850	10.100	12.020	13.270	14.400	14.880	17.180	18.140	20.390	27.060	27.680	35.360	64.780
NORMALIZED MAX	2.305	3.433	3.503	3.382	3.241	2.915	3.108	2.825	2.531	3.303	2.761	2.335	2.516
CALC. COEF. VAR	0.319	0.340	0.331	0.339	0.350	0.353	0.355	0.368	0.371	0.391	0.367	0.336	0.285
REGN. COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.378	0.374	0.365	0.291
USED COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.378	0.374	0.365	0.291
MEAN/A	0.095	0.1235	0.1475	0.1639	0.1766	0.1943	0.2164	0.2355	0.2787	0.3130	0.3645	0.5248	1.0000
RP10/A	0.1304	0.1859	0.2258	0.2512	0.2718	0.2943	0.3274	0.3551	0.4179	0.4711	0.5462	0.7812	1.3032
RP25/A	0.1525	0.2217	0.2694	0.2984	0.3222	0.3467	0.3837	0.4139	0.4819	0.5488	0.6326	0.9015	1.5472
RP50/A	0.1684	0.2477	0.3009	0.3321	0.3562	0.3839	0.4235	0.4550	0.5259	0.6032	0.6925	0.9858	1.6500
RP100/A	0.1837	0.2730	0.3314	0.3649	0.3931	0.4198	0.4515	0.4842	0.5674	0.6550	0.7494	1.0557	1.7611
RP1000/A	0.2321	0.3543	0.4287	0.4601	0.5034	0.5323	0.5801	0.6153	0.6932	0.8151	0.9234	1.3102	2.0668
RP10000/A	0.2782	0.4327	0.5220	0.5664	0.6084	0.6387	0.6913	0.7278	0.8030	0.9314	1.0334	1.5351	2.3777
PMP/A	0.5473	0.8220	1.0235	1.1401	1.2209	1.3133	1.4597	1.5778	1.8506	2.0976	2.4072	3.3982	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
450 1522 0	CARIBOU PH	21	2986	25	26N	07E C	M	46.086	121.147	32			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.14	4.42	5.30	6.02	6.56	7.15	7.91	8.80	10.37	11.42	13.47	19.45	39.44
5	4.19	6.10	7.42	8.40	9.10	9.85	10.85	12.01	14.01	15.56	18.24	26.17	49.77
10	4.87	7.23	8.80	9.94	10.73	11.55	12.68	13.97	16.15	18.09	21.10	30.19	55.83
20	5.50	8.29	10.10	11.36	12.25	13.13	14.35	15.73	18.05	20.37	23.66	33.79	60.70
25	5.70	8.62	10.50	11.88	12.72	13.61	14.86	16.28	18.63	21.07	24.43	34.89	62.22
40	6.31	9.31	11.34	12.62	13.95	14.81	15.92	17.38	19.79	22.50	26.02	37.12	65.28
50	6.29	9.03	11.17	12.44	13.75	14.60	15.67	16.40	17.89	20.33	23.16	26.75	38.15
100	6.86	10.62	12.92	14.43	15.53	16.48	17.88	19.44	21.93	25.15	28.95	41.24	70.83
200	7.42	11.58	14.08	15.69	16.87	17.85	19.30	20.92	23.46	27.07	31.05	44.20	74.73
1000	8.67	13.77	16.71	18.51	19.88	20.90	22.47	24.20	26.79	31.38	35.67	50.71	83.12
10000	10.40	16.82	20.35	22.41	24.03	25.08	26.78	28.62	31.22	37.01	41.85	59.41	94.02
PMP	20.45	31.96	39.90	45.10	48.22	51.57	56.54	62.05	71.53	80.16	93.07	131.51	215.77
MEAN	3.344	4.802	5.749	6.484	7.055	7.628	8.383	9.262	10.772	12.018	14.079	20.311	40.217
CLOCK MR. COR.	1.140	1.670	1.840	1.820	1.810	1.810	1.800	1.800	1.800	1.800	1.800	1.800	1.800
CALCULATED SKEW	1.097	1.477	1.279	.925	.889	.853	.739	.646	.376	.649	.316	.203	.332
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
KURTOSIS	4.514	7.211	6.328	4.869	4.783	4.285	3.789	2.825	2.798	4.416	3.363	2.417	2.841
N	53	53	53	53	53	53	53	53	53	53	53	53	53
RECORD YEAR	1963	1963	1963	1963	1963	1963	1930	1930	1965	1965	1965	1956	1938
RECORD MAXIMUM	5.010	10.850	12.600	14.030	15.020	15.020	17.020	17.250	20.020	26.090	26.780	34.770	66.040
NORMALIZED MAX	2.466	3.576	3.592	3.388	3.376	2.891	2.977	2.465	2.452	3.342	2.588	2.026	2.270
CALC. COEF. VAR	.299	.352	.335	.344	.334	.330	.326	.350	.350	.350	.349	.351	.290
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.388	.376	.378	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374	.365	.291
MEAN/A	.0832	.1194	.1429	.1612	.1754	.1897	.2084	.2303	.2679	.2988	.3501	.5050	1.0000
RP10/A	.1212	.1797	.2188	.2471	.2669	.2873	.3153	.3472	.4017	.4498	.5246	.7507	1.3832
RP25/A	.1417	.2143	.2592	.3163	.3484	.3767	.4079	.4450	.5095	.5759	.6652	.9487	1.6580
RP50/A	.1585	.2394	.2916	.3267	.3518	.3748	.4079	.4450	.5095	.5759	.6652	.9487	1.6580
RP100/A	.1757	.2640	.3212	.3588	.3860	.4098	.4446	.4833	.5453	.6254	.7198	1.0255	1.7611
RP1000/A	.2187	.3425	.4155	.4604	.4943	.5197	.5568	.6017	.6662	.7763	.8889	1.2608	2.0668
RP10000/A	.2595	.4183	.5059	.5571	.5975	.6238	.6658	.7117	.7762	.9202	1.0466	1.4772	2.3377
PMP/A	.5085	.7947	.9921	1.1213	1.1990	1.2822	1.4060	1.5430	1.7786	1.9932	2.3141	3.2700	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
450 1700 0	CHESTER	26	4525	06	28N	07E D	M	40.306	121.228	32			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.63	3.58	4.15	4.64	4.98	5.39	6.04	6.60	7.85	8.70	10.39	15.12	30.81
5	3.51	4.97	5.61	6.47	6.90	7.42	8.29	9.01	10.61	11.86	14.08	20.34	38.88
10	4.08	5.85	6.89	7.85	8.14	8.71	9.69	10.48	12.23	13.78	16.28	23.46	43.45
20	4.61	6.70	7.91	8.75	9.38	9.89	10.96	11.81	13.67	15.52	18.26	26.26	47.42
25	4.77	6.97	8.23	9.09	9.65	10.26	11.36	12.22	14.11	16.06	18.86	27.11	48.60
40	4.86	7.53	8.88	9.26	9.83	11.01	12.16	13.05	14.99	17.14	20.08	28.85	50.99
50	5.27	7.79	9.19	10.12	10.74	11.36	12.53	13.43	15.39	17.65	20.64	29.65	52.07
100	5.75	8.59	10.12	11.12	11.78	12.42	13.66	14.59	16.61	19.16	22.34	32.05	55.32
200	6.22	9.37	11.03	12.09	12.80	13.45	14.75	15.70	17.77	20.82	23.96	34.35	56.37
1000	7.27	11.14	13.09	14.26	15.08	15.75	17.17	18.16	20.29	23.85	27.53	39.41	64.93
10000	8.71	13.61	15.94	17.26	18.23	18.90	20.46	21.48	23.64	28.20	32.30	46.17	73.44
PMP	17.13	25.85	31.25	34.74	36.59	38.86	43.20	46.58	54.17	61.07	71.82	102.20	168.53
MEAN	2.801	3.884	4.503	4.995	5.353	5.748	6.445	6.952	8.158	9.157	10.865	15.784	31.414
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.094	1.173	1.042	1.274	1.258	1.082	.893	.517	.159	.432	.314	.274	.249
REGIONAL SKEW	1.100	1.100	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
KURTOSIS	6.240	10.498	8.863	7.829	7.073	5.752	3.970	3.206	2.349	3.277	2.963	2.551	2.778
N	65	65	65	65	65	65	65	65	65	65	65	65	65
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1965	1965	1956	1956	1956
RECORD MAXIMUM	5.090	10.400	11.900	12.890	13.700	13.700	13.720	13.720	14.580	19.300	21.680	26.130	51.660
NORMALIZED MAX	3.252	4.366	4.309	4.110	4.104	3.894	3.132	2.831	2.155	2.917	2.690	2.154	2.239
CALC. COEF. VAR	.341	.382	.381	.385	.373	.364	.365	.370	.364	.380	.370	.363	.280
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.378	.374	.365	.291
MEAN/A	.0892	.1236	.1433	.1590	.1704	.1830	.2039	.2213	.2597	.2915	.3499	.5625	1.0000
RP10/A	.1306	.1861	.2194	.2437	.2593	.2772	.3084	.3337	.3884	.4387	.5183	.7469	1.3832
RP25/A	.1526	.2219	.2618	.2894	.3073	.3265	.3615	.3889	.4490	.5111	.6003	.8631	1.5671
RP50/A	.1678	.2480	.2924	.3222	.3417	.3616	.3989	.4276	.4901	.5618	.6572	.9430	1.6580
RP100/A	.1830	.2733	.3221	.3539	.3750	.3953	.4464	.4644	.5287	.6100	.7111	1.0203	1.7471
RP1000/A	.2313	.3547	.4167	.4540	.4842	.5013	.5655	.5782	.6595	.7591	.8763	1.2544	2.0668
RP10000/A	.2773	.4332	.5073	.5494	.5804	.6015	.6639	.6839	.7525	.8976	1.0281	1.4697	2.3377
PMP/A	.5453	.8229	.9948	1.1059	1.1647	1.2369	1.3752	1.4827	1.7244	1.9442	2.2862	3.2534	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DETERMINABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUR 450 3621 0	STATION NAME GREENVILLE RS		ELEV 64	SEC 3560	TWP 02	RNG LOT 26N 09E L	SWM M	LATITUDE 40.140	LONGITUDE 120.940	COUNTY CODE 32			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.79	5.11	6.06	6.64	7.20	7.62	8.45	9.28	10.79	12.10	14.58	20.50	39.72
5	5.06	7.05	8.46	9.26	9.99	10.50	11.60	12.67	14.58	16.49	19.74	27.58	50.12
10	5.88	8.35	10.06	10.95	11.78	12.32	13.56	14.73	16.81	19.16	22.83	31.82	56.02
20	6.64	9.57	11.84	12.52	13.45	13.99	15.34	16.60	18.79	21.50	25.60	35.02	61.13
25	6.87	9.96	12.00	13.01	13.96	14.51	15.89	17.17	19.36	22.33	26.44	36.77	62.66
40	6.99	10.75	12.96	13.25	14.22	14.87	17.01	18.34	20.80	23.64	28.16	39.13	65.75
50	7.59	11.13	13.40	14.48	15.53	16.07	17.54	18.88	21.16	24.54	28.95	40.21	67.15
100	6.28	12.26	14.77	15.91	17.04	17.57	19.11	20.51	22.83	26.05	31.33	43.47	71.33
200	8.95	13.38	16.10	17.29	18.51	19.02	20.63	22.07	24.42	28.47	33.60	46.59	75.26
1000	10.46	15.91	19.10	20.41	21.82	22.26	24.02	25.53	27.89	33.16	38.60	53.44	83.71
10000	12.54	19.44	23.26	24.76	26.37	26.73	28.62	30.20	32.49	39.21	45.25	62.61	94.68
PMP	24.66	36.92	45.00	49.71	52.92	54.97	60.44	65.47	74.44	84.93	100.72	138.61	217.29

MEAN	4.033	5.548	6.571	7.148	7.742	8.131	8.961	9.771	11.211	12.732	15.237	21.406	40.502
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-.512	1.094	1.044	1.040	1.100	1.018	1.018	1.359	1.009	.675	.408	.408	.408
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.092	4.402	6.077	5.064	4.336	4.088	4.157	3.547	3.007	4.363	3.409	2.848	2.253
N	48	48	48	48	48	48	48	48	48	48	48	48	48
RECORD YEAR	1967	1963	1963	1963	1963	1967	1967	1969	1969	1969	1969	1911	1967
RECORD MAXIMUM	6.170	10.880	15.462	16.480	16.160	16.350	19.170	20.352	22.670	29.110	32.392	42.850	67.360
NORMALIZED MAX	1.746	2.652	3.319	3.159	2.860	2.669	2.778	2.648	2.475	2.824	2.680	2.521	2.302
CALC. COEF. VAR	.304	.362	.390	.413	.397	.388	.406	.409	.413	.455	.420	.397	.288
REGN. COEF. VAR	.341	.377	.396	.397	.369	.384	.383	.386	.376	.378	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.369	.384	.383	.386	.376	.378	.374	.365	.291
MEAN/A	.0996	.1370	.1622	.1765	.1912	.2008	.2213	.2413	.2768	.3144	.3762	.5285	1.0000
RP10/A	.1451	.2081	.2504	.2741	.2988	.3043	.3377	.3618	.4151	.4732	.5637	.7857	1.9322
RP25/A	.1697	.2459	.2904	.3212	.3448	.3582	.3923	.4240	.4706	.5512	.6529	.9079	1.9472
RP50/A	.1873	.2747	.3310	.3576	.3834	.3967	.4329	.4601	.5224	.6059	.7148	.9928	1.6580
RP100/A	.2044	.3028	.3648	.3927	.4207	.4338	.4719	.5063	.5836	.6579	.7735	1.0732	1.7611
RP1000/A	.2582	.3929	.4716	.5399	.5907	.5861	.5931	.6304	.6805	.8167	.9531	1.3195	2.0000
RP10000/A	.3095	.4799	.5742	.6098	.6510	.6600	.7067	.7456	.8021	.9681	1.1182	1.5459	2.3377
PMP/A	.6088	.9116	1.1259	1.2274	1.3065	1.3571	1.4924	1.6164	1.8380	2.0968	2.4887	3.4222	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUR 450 4722 0	STATION NAME LAKE WILENDOR	ELEV 81	SEC 2040	TWP 15	RNG LOT 04E E M	SWM 39.763	LATITUDE 121.522	LONGITUDE 04	COUNTY CODE 04				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.76	5.29	6.13	6.80	7.41	8.15	9.16	10.21	12.19	13.44	16.46	25.24	49.84
5	5.03	7.30	8.56	9.49	10.28	11.22	12.57	13.93	16.47	18.31	22.29	33.95	62.90
10	5.84	8.65	10.16	11.22	12.12	13.17	14.49	16.20	18.99	21.28	25.78	39.17	70.30
20	6.59	9.91	11.66	12.93	13.84	14.96	16.92	18.28	21.22	23.97	28.91	43.84	76.72
25	6.83	10.31	12.13	13.33	14.37	15.51	17.22	18.69	21.90	24.79	29.86	45.26	76.64
40	6.94	11.14	13.09	13.57	14.83	16.65	18.44	20.17	23.27	26.48	31.80	48.16	82.51
50	7.54	11.52	13.54	14.83	15.98	17.18	19.00	20.76	23.90	27.25	32.69	49.50	84.27
100	8.22	12.70	14.92	16.29	17.53	18.70	20.71	22.95	25.78	29.59	35.37	53.51	89.51
200	8.89	13.08	16.26	17.71	19.05	20.34	22.36	24.27	27.98	31.85	37.94	57.35	94.45
1000	10.39	16.48	19.30	20.91	22.45	23.82	26.03	28.08	31.50	36.83	43.59	65.76	105.05
PMP	24.50	38.24	48.07	50.92	54.45	58.77	65.56	72.60	84.07	94.32	113.73	170.42	272.69

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 450 4012 0	STATION NAME LAS PLUMAS	ELEV 82	SEC 506	SEC 14	TWP 21N	RNG LOT 04E J	8MM M	LATITUDE 39.676	LONGITUDE 121.467	COUNTY CODE 04			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.43	6.03	6.90	7.65	8.31	8.94	9.95	10.91	12.92	14.09	17.14	25.11	47.23
5	5.92	8.33	9.65	10.68	11.53	12.32	13.66	14.90	17.46	19.21	23.21	33.78	59.60
10	6.87	9.86	11.45	12.63	13.60	14.46	15.96	17.33	20.13	22.33	28.05	38.98	66.61
20	7.76	11.31	13.13	14.44	15.52	16.43	18.06	19.52	22.50	25.15	30.10	43.63	72.69
25	8.04	11.76	13.66	15.05	16.12	17.03	18.70	20.18	23.21	25.82	31.10	44.04	74.51
40	8.18	12.70	14.75	15.28	16.41	16.26	20.03	21.57	24.67	27.77	33.12	47.93	78.18
50	8.88	13.14	15.26	16.70	17.92	18.06	20.64	22.20	25.34	28.59	34.05	49.25	79.05
100	9.68	14.48	16.80	18.34	19.66	20.63	22.50	24.11	27.33	31.04	36.84	53.24	84.81
200	10.67	15.80	18.32	19.94	21.33	22.33	24.29	25.95	29.24	33.41	39.51	57.07	89.49
1000	12.24	18.79	21.74	23.53	25.18	26.16	28.28	30.02	33.39	38.63	45.39	65.46	99.54
10000	14.67	22.95	26.47	28.48	30.43	31.38	33.70	35.51	38.90	45.68	53.26	76.70	112.58
PMP	28.85	43.60	51.90	57.32	61.07	64.53	71.16	76.99	89.15	98.94	118.43	169.78	258.38
MEAN	4.718	6.552	7.478	8.242	8.935	9.546	10.549	11.490	13.426	14.834	17.918	26.221	48.160
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.469	1.978	2.117	2.160	2.184	2.198	2.208	2.218	2.228	2.238	2.248	2.258	2.268
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	5.652	8.334	10.089	8.483	7.120	5.778	4.957	4.147	3.004	5.318	3.920	2.959	2.672
RECORD YEAR	N	53	53	53	53	53	53	53	53	53	53	53	53
RECORD MAXIMUM	1963	1963	1963	1963	1963	1963	1963	1956	1956	1965	1956	1956	1941
NORMALIZED MAX	9.410	16.470	20.190	21.670	22.460	22.460	22.460	24.530	25.260	33.530	37.270	49.610	77.730
CALC. COEF. VAR	2.764	3.735	4.226	4.087	3.858	3.537	3.011	3.057	2.504	3.566	3.065	2.598	1.999
REGN. COEF. VAR	.360	.405	.402	.408	.392	.383	.375	.371	.352	.352	.352	.343	.307
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.376	.376	.365	.291
MEAN/A	.0980	1.1380	1.553	1.711	1.855	1.982	2.190	2.386	2.788	3.080	3.720	5.445	1.0000
RP10/A	.1427	2.047	2.377	2.622	2.823	3.002	3.314	3.597	4.180	4.636	5.575	8.093	1.3832
RP25/A	.1247	2.406	2.936	3.150	3.346	3.537	3.884	4.193	4.820	5.401	6.427	9.933	1.5472
RP50/A	.1143	2.728	3.188	3.467	3.721	3.917	4.286	4.610	5.261	5.936	7.069	1.0227	1.6580
RP100/A	.2011	3.007	3.689	3.808	4.083	4.283	4.672	5.007	5.676	6.448	7.649	1.1056	1.7611
RP1000/A	.2541	3.902	4.513	4.686	5.228	5.431	5.872	6.234	6.936	8.022	9.426	1.3593	2.0868
RP10000/A	.3046	4.766	5.476	5.913	6.319	6.516	6.997	7.373	8.078	9.485	1.1059	1.5925	2.3377
PMP/A	.5990	9.054	1.0776	1.1902	1.2681	1.3399	1.4775	1.5985	1.8511	2.0544	2.4592	3.5253	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 450 7085 0	STATION NAME PORTOLA		ELEV 116	SEC 4036	TWP 01	RNG LOT 22N 13E D	8MM 39.805	LATITUDE 120.471	LONGITUDE 32	COUNTY CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.98	2.58	3.07	3.39	3.72	4.00	4.41	4.79	5.48	5.96	7.02	9.81	18.94
5	2.64	3.56	4.30	4.73	5.16	5.51	6.05	6.53	7.40	8.18	9.51	13.20	23.90
10	3.07	4.21	5.10	5.58	6.09	6.47	7.07	7.60	8.53	9.33	11.00	15.23	26.71
20	3.46	4.63	5.65	6.39	6.95	7.35	8.01	8.58	9.54	10.75	12.34	17.05	29.15
25	3.59	5.02	6.08	6.64	7.21	7.62	8.29	8.86	9.84	11.13	12.74	17.60	28.88
40	3.65	5.42	6.57	7.16	7.34	8.16	8.88	9.46	10.46	11.89	13.57	18.73	31.35
50	3.96	5.61	6.79	7.39	8.02	8.44	9.15	9.74	10.74	12.25	13.95	19.25	32.02
100	4.32	6.18	7.48	8.11	8.60	9.22	9.97	10.58	11.59	13.31	15.09	20.81	34.01
200	4.67	6.75	8.16	8.82	9.56	9.99	10.77	11.39	12.39	14.34	16.19	22.30	35.89
1000	5.46	8.02	9.68	10.41	11.27	11.70	12.54	13.17	14.15	16.60	18.60	25.58	39.92
10000	6.54	9.80	11.79	12.80	13.62	14.03	14.94	15.58	16.49	19.66	21.62	29.97	45.15
PMP	12.87	18.82	23.11	25.39	27.34	28.86	31.54	33.78	37.78	42.75	48.53	68.35	103.61
MEAN	2.104	2.798	3.330	3.646	4.000	4.289	4.676	5.041	5.690	6.282	7.342	10.247	19.312
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.355	1.526	1.472	1.432	1.495	1.467	1.456	1.273	.887	1.101	.935	.598	.570
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	5.900	6.044	6.274	5.740	5.657	5.836	5.808	5.105	3.782	4.714	3.750	3.008	3.103
RECORD YEAR	N	56	56	56	56	56	56	56	56	56	56	56	57
RECORD MAXIMUM	1956	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1952
NORMALIZED MAX	4.180	6.340	8.550	9.300	9.660	10.760	12.300	12.950	13.260	14.990	16.420	20.480	36.680
CALC. COEF. VAR	2.684	3.281	3.718	3.679	3.237	3.530	3.696	3.614	3.190	3.263	3.020	2.504	2.832
REGN. COEF. VAR	.367	.386	.422	.421	.437	.431	.441	.434	.417	.425	.409	.399	.354
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.376	.376	.365	.291
MEAN/A	.1090	.1449	.1724	.1888	.2071	.2210	.2421	.2610	.2946	.3253	.3802	.5306	1.0000
RP10/A	.1568	.2180	.2639	.2893	.3151	.3348	.3663	.3936	.4418	.4935	.5687	.7887	1.3832
RP25/A	.1857	.2600	.3150	.3436	.3735	.3944	.4293	.4587	.5095	.5762	.6585	.9115	1.5472
RP50/A	.2050	.2905	.3517	.3828	.4154	.4368	.4738	.5043	.5580	.6341	.7283	.9967	1.6580
RP100/A	.2216	.3203	.3875	.4202	.4550	.4775	.5184	.5478	.5999	.6893	.7816	1.0774	1.7611
RP1000/A	.2826	.4155	.5012	.5391	.5936	.6056	.6491	.6820	.7329	.8596	.9631	1.3247	2.0868
RP10000/A	.3386	.5075	.6103	.6524	.7054	.7266	.7735	.8067	.8530	1.0179	1.1300	1.5520	2.3377
PMP/A	.6663	.9641	1.1966	1.3132	1.4156	1.4942	.6333	1.7489	1.9585	2.2137	2.5128	3.4356	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 450 7195 0	STATION NAME QUINCY R5	ELEV 117	SEC 34.09	TWP 14	RNG LOT 24N 09E 0	BWM M	LATITUDE 39.938	LONGITUDE 120.940	COUNTY CODE 32				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.51	4.88	5.84	6.54	7.01	7.49	8.31	9.12	10.67	11.86	14.03	19.82	39.23
5	4.49	6.73	8.16	9.12	9.72	10.32	11.41	12.45	14.42	16.27	19.00	26.66	49.51
10	5.45	7.97	9.68	10.78	11.47	12.11	13.33	14.48	16.63	18.96	21.98	30.76	55.33
20	6.15	9.14	11.11	12.33	13.09	13.76	15.08	16.31	18.58	21.39	24.64	34.43	60.36
25	6.37	9.51	11.56	12.81	13.59	14.26	15.62	16.87	19.17	22.13	25.46	35.55	61.90
40	6.48	10.27	12.48	13.64	14.34	15.01	16.73	18.92	20.37	23.65	27.11	37.82	64.84
50	7.03	10.62	12.91	14.26	15.12	15.80	17.24	18.85	20.92	24.36	27.87	38.87	66.33
100	7.67	11.71	14.22	15.66	16.59	17.27	18.79	20.15	22.58	26.47	30.16	42.02	70.45
200	8.30	12.78	15.50	17.03	18.02	18.70	20.29	21.69	24.15	28.15	32.35	45.03	74.34
1000	9.70	15.20	18.39	20.10	21.24	21.90	23.62	25.09	27.58	31.68	37.16	51.66	82.68
10000	11.62	18.56	22.39	24.24	25.37	26.28	28.14	29.67	32.13	39.10	43.60	60.52	93.52
PMP	22.86	35.26	43.91	48.95	51.52	54.04	59.43	64.33	73.63	85.03	96.95	133.98	214.63
MEAN	3.739	5.298	6.327	7.038	7.538	7.994	8.810	9.602	11.088	12.495	14.668	20.692	40.005
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.899	1.397	1.556	1.392	1.219	1.098	1.184	1.226	.846	1.026	.796	.573	.368
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.068	5.574	7.530	6.120	5.334	4.954	5.486	5.547	3.692	4.241	3.490	2.927	2.383
N	75	75	75	75	75	75	75	75	75	75	75	75	75
RECORD YEAR	1907	1907	1907	1907	1907	1907	1907	1907	1907	1908	1909	1909	1907
RECORD MAXIMUM	6.500	11.800	16.200	17.950	18.650	19.150	23.950	26.050	29.360	34.170	44.380	73.220	133.32
NORMALIZED MAX	2.150	3.206	3.892	2.851	3.045	3.419	3.920	3.483	3.274	2.998	3.004	2.833	2.549
CALC. COEF. VAR	.301	.383	.423	.425	.416	.408	.438	.430	.434	.451	.437	.404	.326
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USEO COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0935	.1324	.1581	.1759	.1864	.1998	.2202	.2400	.2772	.3123	.3666	.5172	1.0000
RP10/A	.1363	.1993	.2421	.2696	.2867	.3027	.3332	.3519	.4155	.4759	.5585	.8075	1.3332
RP25/A	.1563	.2317	.2886	.3198	.3398	.3549	.3923	.4218	.4752	.5532	.6363	.8915	1.5472
RP50/A	.1758	.2656	.3226	.3565	.3779	.3949	.4309	.4637	.5231	.6088	.6967	.9716	1.6580
RP100/A	.1918	.2928	.3554	.3915	.4146	.4318	.4697	.5037	.5643	.6618	.7538	1.0503	1.7611
RP1000/A	.2424	.3799	.4597	.5023	.5307	.5475	.5904	.6271	.6894	.8254	.9289	1.2913	2.0668
RP10000/A	.2906	.4642	.5597	.6179	.6417	.6590	.7035	.7418	.8032	.9773	1.0898	1.5129	2.3377
PMP/A	.5715	.8814	1.0975	1.2236	1.2878	1.3508	1.4854	1.6081	1.8404	2.1254	2.4235	3.3491	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB A90 8218 0	STATION NAME SIERRAVILLE RS	ELEV 422	SEC 49.75	TWP 13	RNG LOT 20N 14E K	BWM M	LATITUDE 39.583	LONGITUDE 120.369	COUNTY CODE 46				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.71	3.62	4.17	4.53	4.89	5.24	5.78	6.30	7.12	7.89	9.28	12.71	24.54
5	3.62	5.00	5.83	6.32	6.78	7.22	7.93	8.59	9.63	10.82	12.57	17.09	30.97
10	4.20	5.92	6.92	7.47	8.00	8.47	9.27	9.99	11.10	12.61	14.53	19.72	34.61
20	4.75	6.78	7.94	8.54	9.13	9.63	10.49	11.26	12.40	14.23	16.30	22.07	37.77
25	4.91	7.06	8.26	8.88	9.48	9.98	10.87	11.65	12.80	14.72	16.83	22.79	38.71
40	5.00	7.62	8.92	9.04	9.65	10.71	11.64	12.44	13.60	15.73	17.93	24.25	40.62
50	5.42	7.88	9.22	9.88	10.54	11.05	11.99	12.81	13.97	16.20	18.43	24.92	41.49
100	5.92	8.69	10.16	10.85	11.56	12.09	13.07	13.91	15.07	17.61	19.94	26.94	44.07
200	6.40	9.48	11.08	11.80	12.56	13.09	14.11	14.97	16.12	18.97	21.39	28.87	46.50
1000	7.48	11.28	13.14	13.93	14.81	15.33	16.43	17.32	18.41	21.96	24.57	33.12	51.72
10000	8.96	13.77	16.00	16.85	17.90	18.39	19.58	20.49	21.45	26.01	28.83	38.80	58.49
PMP	17.63	26.16	31.38	33.92	35.92	37.81	41.34	44.41	49.15	56.56	64.11	85.90	134.24
MEAN	2.883	3.931	4.522	4.877	5.255	5.594	6.129	6.629	7.401	8.312	9.699	13.266	25.022
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.340	1.825	1.963	1.670	1.616	1.626	1.716	1.571	1.277	1.288	1.121	.945	.506
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.801	6.835	7.275	6.424	5.941	7.272	7.271	6.909	5.779	5.353	4.775	4.068	2.592
N	64	64	64	64	64	64	64	64	64	64	64	64	64
RECORD YEAR	1963	1963	1963	1963	1963	1956	1956	1956	1956	1956	1914	1983	
RECORD MAXIMUM	16.00	11.210	14.400	15.380	15.390	17.440	18.760	19.880	20.250	22.130	24.310	30.530	45.270
NORMALIZED MAX	2.590	3.455	3.862	3.828	3.477	3.675	4.029	4.026	3.794	3.492	3.200	2.935	2.349
CALC. COEF. VAR	.431	.536	.566	.563	.555	.547	.512	.496	.498	.476	.471	.443	.345
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USEO COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1152	.1571	.1807	.1949	.2100	.2235	.2449	.2649	.2958	.3322	.3876	.5302	1.0000
RP10/A	.1679	.2364	.2766	.2987	.3195	.3386	.3705	.3994	.4435	.5040	.5869	.7881	1.3832
RP25/A	.1964	.2820	.3301	.3548	.3768	.3969	.4343	.4655	.5114	.5884	.6727	.9107	1.5472
RP50/A	.2168	.3151	.3687	.3949	.4212	.4418	.4793	.5118	.5582	.6475	.7355	.9950	1.6580
RP100/A	.2365	.3473	.4061	.4339	.4622	.4830	.5223	.5559	.6022	.7038	.7970	1.0760	1.7619
RP1000/A	.2989	.4506	.5253	.5566	.5918	.6126	.6566	.6922	.7357	.8778	.9821	1.3238	2.0668
RP10000/A	.3583	.5504	.6396	.6735	.7153	.7349	.7823	.8187	.8571	1.0394	1.1522	1.5507	2.3377
PMP/A	.7046	1.0456	1.2542	1.3557	1.4354	1.5112	1.6520	1.7749	1.9641	2.2604	2.5622	3.4320	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
450 9351 0	VINTON	147	4945	28	23N	16E	0	M	39.819	120.168	27		
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.42	1.83	2.11	2.34	2.54	2.69	2.97	3.15	3.52	3.82	4.35	5.08	13.25
5	1.90	2.52	2.95	3.26	3.53	3.71	4.07	4.30	4.76	5.24	5.89	6.04	16.72
10	2.21	2.99	3.51	3.86	4.16	4.35	4.76	5.00	5.49	6.10	6.81	9.28	18.69
20	2.69	3.62	4.02	4.41	4.75	4.95	5.38	5.63	6.13	6.88	7.63	10.38	20.40
25	2.58	3.56	3.98	4.38	4.73	5.13	5.56	5.83	6.33	7.12	7.89	10.72	20.91
40	2.63	3.85	4.52	4.67	5.02	5.81	5.97	6.23	6.73	7.61	8.40	11.41	21.44
50	2.85	3.98	4.67	5.10	5.49	5.68	6.15	6.41	6.91	7.84	8.63	11.72	22.41
100	3.11	4.39	5.15	5.61	6.02	6.21	6.71	6.96	7.45	8.52	9.34	12.67	23.80
200	3.36	4.78	5.61	6.09	6.54	6.73	7.24	7.49	7.97	9.18	10.02	13.58	25.11
1000	3.93	5.69	6.66	7.19	7.71	7.88	8.43	8.67	9.10	10.63	11.51	15.58	27.93
10000	4.71	6.95	8.11	8.70	9.32	9.45	10.04	10.25	10.61	12.58	13.51	18.25	31.59
PMP	9.27	13.26	15.90	17.52	18.70	19.43	21.21	22.23	24.30	27.37	30.04	40.41	72.50
MEAN	1.516	1.984	2.290	2.519	2.736	2.874	3.144	3.318	3.660	4.022	4.544	6.240	13.514
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.517	2.302	2.140	2.050	1.985	2.050	1.701	1.827	1.526	1.568	1.584	1.229	.284
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	10.918	9.210	7.495	5.328	6.750	6.062	7.110	6.888	5.686	6.109	6.487	4.025	2.263
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1963
RECORD MAXIMUM	3.840	5.640	6.340	6.930	7.820	8.070	9.760	10.000	10.240	11.760	12.470	14.480	21.430
NORMALIZED MAX	3.173	3.474	3.267	2.867	3.267	3.005	3.495	3.291	3.808	3.399	3.559	3.118	2.092
CALC. COEF. VAR	.483	.530	.525	.536	.569	.579	.601	.584	.546	.558	.493	.424	.280
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1121	.1468	.1695	.1864	.2025	.2127	.2327	.2455	.2709	.2976	.3363	.4618	1.0000
RP10/A	.1534	.2269	.2595	.2858	.3081	.3222	.3520	.3702	.4082	.4551	.5039	.6864	1.3832
RP25/A	.1911	.2635	.3056	.3392	.3651	.3822	.4203	.4415	.4883	.5456	.5939	.7932	1.5472
RP50/A	.2110	.2944	.3496	.3777	.4060	.4203	.4553	.4744	.5111	.5601	.6089	.8674	1.6580
RP100/A	.2302	.3245	.3809	.4148	.4455	.4596	.4962	.5153	.5514	.6036	.6514	.9377	1.7411
RP1000/A	.2909	.4211	.4927	.5322	.5705	.5868	.6527	.6737	.7684	.8510	.9158	1.5528	2.0668
RP10000/A	.3487	.5143	.5999	.6440	.6895	.6992	.7432	.7588	.8499	.9312	.9995	1.3507	2.3377
PMP/A	.6858	.9770	1.1763	1.2963	1.3838	1.4378	1.5694	1.6451	1.7985	2.0252	2.2227	2.9900	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
460 747 0	BIG BENO RS	5	5739	28	17N	13E K	M	39.307	120.517	31			
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.45	7.73	9.42	10.60	11.95	12.94	14.51	15.73	18.25	20.52	24.00	34.72	67.43
5	7.28	10.68	13.17	14.79	16.57	17.83	19.91	21.47	24.66	28.16	32.49	46.70	85.10
10	8.46	12.64	15.63	17.49	19.55	20.92	23.26	24.98	28.44	32.01	37.59	53.69	95.11
20	9.56	14.40	17.93	20.00	22.31	23.76	26.33	28.14	31.78	37.02	42.14	60.31	103.79
25	9.90	15.07	18.45	20.78	23.17	24.64	27.27	29.11	32.79	38.31	43.53	62.27	106.39
40	10.09	16.28	20.13	21.16	23.59	26.45	29.20	31.09	34.84	40.94	46.36	66.26	117.62
50	10.92	16.84	20.83	23.13	25.76	27.29	30.09	32.15	35.79	42.16	47.68	68.09	114.01
100	11.92	18.57	22.94	25.40	28.27	29.84	32.60	34.76	38.61	45.83	51.57	73.61	121.10
200	12.86	20.26	25.01	27.62	30.71	32.31	35.41	37.42	41.30	49.35	55.32	78.69	127.77
1000	15.06	24.09	29.67	32.60	36.20	37.84	41.22	43.28	47.17	57.15	63.55	90.50	142.12
10000	18.05	29.42	36.13	39.45	43.75	45.40	49.12	51.19	54.95	67.67	74.56	106.03	160.75
PMP	35.50	55.89	70.85	79.40	87.81	93.35	103.73	110.99	125.92	147.18	165.80	234.72	368.91
MEAN	5.806	8.399	10.209	11.416	12.847	13.809	15.379	16.565	18.964	21.628	25.083	36.250	68.763
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.464	1.530	1.566	1.584	1.580	1.584	1.344	1.240	1.134	.951	1.190	.919	.754
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	5.258	5.297	4.855	4.430	4.047	4.629	4.233	4.053	3.460	4.312	3.321	2.971	2.031
RECORD YEAR	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD MAXIMUM	1963	1965	1963	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
NORMALIZED MAX	10.540	17.500	21.550	25.230	27.480	31.400	33.370	35.560	39.490	50.430	52.790	66.440	101.190
CALC. COEF. VAR	2.112	2.425	2.345	2.439	2.393	2.662	2.551	2.494	2.428	2.817	2.530	2.122	1.730
CALC. COEF. VAR	.386	.447	.474	.496	.476	.479	.459	.460	.446	.473	.437	.392	.273
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0844	.1221	.1485	.1660	.1868	.2008	.2238	.2409	.2758	.3145	.3648	.5272	1.0000
RP10/A	.1230	.1938	.2273	.2544	.2843	.3042	.3383	.3632	.4135	.4772	.5466	.7837	1.3832
RP25/A	.1439	.2192	.2712	.3022	.3370	.3583	.3965	.4234	.4769	.5571	.6331	.9056	1.5472
RP50/A	.1589	.2449	.3029	.3364	.3747	.3969	.4376	.4655	.5204	.6131	.6931	.9903	1.6580
RP100/A	.1733	.2700	.3336	.3695	.4112	.4339	.4770	.5058	.5664	.6644	.7500	1.1611	1.7611
RP1000/A	.2190	.3503	.4316	.4740	.5265	.5502	.5995	.6295	.6880	.8132	.9242	1.3162	2.0068
RP10000/A	.2625	.4279	.5255	.5737	.6363	.6602	.7144	.7445	.7992	.9642	1.0843	1.5420	2.3377
PMP/A	.5163	.8128	1.0304	1.1547	1.2770	1.3575	1.5085	1.6141	1.8312	2.1404	2.4112	3.4135	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
460 1018 0	BOHMAN OAH	11	5347	08	18N 12E	0 M	39.445	120.656	42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.10	7.01	8.44	9.51	10.51	11.59	12.96	14.31	16.94	18.59	21.67	31.69	64.67
5	6.82	9.68	11.80	13.26	14.57	15.97	17.79	19.53	22.89	25.50	29.34	42.63	81.61
10	7.92	11.46	14.00	15.68	17.19	18.74	20.79	22.72	26.39	29.72	33.94	49.19	91.21
20	8.95	13.14	16.06	17.93	19.62	21.29	23.53	25.60	29.49	33.53	38.65	55.05	99.53
25	9.27	13.67	16.71	18.63	20.38	22.07	24.37	26.48	30.43	34.70	39.30	56.84	102.03
40	9.42	14.76	18.04	19.97	20.75	23.69	26.09	28.28	32.33	37.08	41.86	60.48	107.05
50	10.23	15.27	18.66	20.74	22.06	24.45	26.89	29.11	33.21	38.19	43.03	62.16	109.34
100	11.16	16.83	20.55	22.78	24.86	26.73	29.31	31.82	35.83	41.55	46.56	67.19	116.13
200	12.06	18.36	22.40	24.76	27.01	28.94	31.65	34.04	38.32	44.70	49.94	72.01	122.53
1000	14.10	21.84	26.98	29.23	31.84	33.90	36.84	39.37	43.77	51.77	57.37	82.61	136.29
10000	16.90	26.67	32.37	35.33	38.46	40.67	43.90	46.57	50.99	61.30	67.32	96.78	154.15
PMP	33.24	50.67	63.47	71.19	77.22	83.63	92.70	100.96	116.85	133.31	149.69	214.25	353.78
MEAN	5.436	7.614	9.146	10.235	11.298	12.371	13.744	15.068	17.597	19.590	22.647	33.089	65.942
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.994	1.330	1.531	1.557	1.550	1.339	1.248	1.107	.929	1.240	1.060	.966	.448
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.264	4.910	5.532	5.619	5.626	5.129	4.961	4.523	3.913	5.018	4.392	3.418	2.726
RECORD YEAR	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD MAXIMUM	1956	1956	1956	1965	1965	1965	1965	1965	1965	1965	1965	1965	1968
NORMALIZED MAX	9.920	16.300	21.430	24.680	27.150	28.890	33.400	36.180	38.860	48.370	52.360	65.630	117.270
CALC. COEF. VAR	2.407	2.755	2.948	3.011	3.090	3.013	3.121	3.064	2.742	3.270	3.040	2.404	2.662
REGN. COEF. VAR	.343	.414	.456	.469	.454	.443	.458	.457	.441	.449	.432	.409	.292
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0824	.1155	.1387	.1552	.1713	.1876	.2084	.2285	.2669	.2971	.3434	.5018	1.0000
RP10/A	.1201	.1737	.2123	.2378	.2607	.2842	.3153	.3445	.4002	.4567	.5146	.7459	1.3832
RP25/A	.1405	.2072	.2533	.2825	.3090	.3348	.3696	.4016	.4614	.5262	.5960	.8620	1.5472
RP50/A	.1551	.2315	.2829	.3145	.3436	.3707	.4078	.4415	.5038	.5791	.6526	.9426	1.6580
RP100/A	.1692	.2552	.3117	.3454	.3770	.4083	.4445	.4795	.5433	.6294	.7051	1.0189	1.7611
RP1000/A	.2138	.3312	.4031	.4432	.4828	.5140	.5587	.5971	.6638	.7850	.8701	1.2527	2.0668
RP10000/A	.2563	.4045	.4909	.5363	.5835	.6167	.6657	.7062	.7733	.9295	1.0208	1.4677	2.3377
PMP/A	.5041	.7684	.9625	1.0795	1.1710	1.2682	1.4058	1.5310	1.7719	2.0216	2.2701	3.2490	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB			STATION NAME		ELEV	SEC	TWP	RNO	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE		
460	1180	0	BULLAROS 6AR PM		16	1800	24	18N	07E	E	M	39.408	121.146	58	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS															
RETURN PERIOD IN YEARS			10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5	9.96	7.68	9.14	10.13	11.07	12.11	13.55	14.82	17.56	19.33	22.49	33.67	65.38	
5	7.97	10.61	12.77	14.14	15.35	16.68	18.60	20.22	23.72	26.51	31.14	45.29	82.51		
10	9.26	12.58	15.16	16.72	18.10	19.57	21.74	23.52	27.35	30.90	36.02	52.26	92.22		
20	10.46	14.40	17.39	19.12	20.60	22.23	24.40	26.56	30.56	34.86	40.38	58.49	100.04		
25	10.83	14.98	18.09	19.86	21.46	23.05	25.48	27.41	31.53	36.07	41.71	60.39	103.16		
40	11.01	16.18	19.53	20.22	21.85	24.75	27.28	29.27	33.51	38.55	44.42	64.26	108.24		
50	11.95	16.74	20.20	22.11	23.68	25.53	28.12	30.14	34.42	39.70	45.67	66.04	110.55		
100	13.04	18.45	22.25	24.28	26.18	27.92	30.44	32.73	37.13	43.15	49.42	71.39	117.42		
200	14.10	20.13	24.25	26.40	28.45	30.23	33.08	35.23	39.72	46.47	53.00	76.51	123.69		
1000	16.48	23.94	28.78	31.16	33.53	35.40	38.52	40.75	45.36	53.62	60.84	87.77	137.81		
10000	19.75	29.24	35.04	37.70	40.52	42.47	45.89	48.20	52.85	63.72	71.44	102.83	155.86		
PMP	38.85	55.55	68.71	75.89	81.32	87.34	96.91	104.50	121.10	138.59	158.87	227.64	357.71		
MEAN			6.353	8.347	9.901	10.911	11.898	12.920	14.368	15.597	18.238	20.366	24.035	35.157	66.675
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.016	1.266	1.244	1.280	1.289	1.172	1.182	1.125	.681	1.226	1.087	.893	.452		
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400		
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400		
KURTOSIS			3.667	4.624	4.106	4.206	4.186	3.927	3.907	3.639	3.388	5.237	3.938	3.954	2.037
RECORD YEAR	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD MAXIMUM	1960	1965	1965	1963	1956	1956	1956	1956	1965	1965	1956	1956	1956	1952	1952
NORMALIZED MAX	10.920	16.960	20.160	23.470	25.360	26.160	28.900	31.100	34.190	44.060	48.010	68.900	97.590		
CALC. COEF. VAR	1.787	2.180	2.255	2.465	2.450	2.350	2.450	2.474	2.405	2.983	2.478	2.745	1.741		
REGN. COEF. VAR	.402	.473	.459	.469	.452	.436	.413	.402	.364	.390	.354	.350	.291		
USED COEF. VAR	.361	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291		
MEAN/A			.0953	.1252	.1485	.1637	.1785	.1938	.2155	.2339	.2735	.3055	.3605	.5273	1.0000
RP10/A	.1388	.1884	.2273	.2506	.2715	.2935	.3260	.3527	.4102	.4634	.5402	.7830	1.3832		
RP25/A	.1624	.2247	.2713	.2979	.3218	.3456	.3821	.4111	.4730	.5411	.6256	.9058	1.5472		
RP50/A	.1792	.2510	.3020	.3315	.3579	.3820	.4217	.4520	.5162	.5954	.6849	.9955	1.6580		
RP100/A	.1956	.2767	.3337	.3642	.3927	.4187	.4596	.4909	.5569	.6472	.7412	1.0707	1.7611		
RP1000/A	.2471	.3591	.4316	.4673	.5029	.5309	.5777	.6112	.6804	.8072	.9133	1.3184	2.0668		
RP10000/A	.2962	.4386	.5258	.5655	.6078	.6370	.6883	.7230	.7926	.9558	1.0715	1.5423	2.3377		
PMP/A	.5626	.8331	1.0305	1.1382	1.2197	1.3099	1.4935	1.5673	1.8163	2.0786	2.3828	3.4142	5.3650		

PEARSON TYPE III DISTRIBUTION USED

WHERE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A60 1462 0	STATION NAME CAMPTONVILLE RS	ELEV 18	SEC 2755	TWP 02	RNG LOT 18N 08E	BWM 0	M M	LATITUDE 39+45	LONGITUDE 121+048	COUNTY CODE 58			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	660	3650
2	5.08	6.47	7.90	8.81	9.72	10.61	11.82	12.95	15.51	17.38	21.21	30.41	59.65
5	6.79	9.21	11.05	12.30	13.48	14.62	16.23	17.68	20.95	23.85	28.72	40.91	75.28
10	7.89	10.91	13.11	14.54	15.91	17.16	18.96	20.56	24.15	27.80	33.22	47.21	84.14
20	8.91	12.51	15.04	16.63	18.15	19.49	21.46	23.17	26.99	31.36	37.24	52.84	91.61
25	9.23	13.01	15.64	17.27	18.85	20.21	22.23	23.97	27.85	32.45	38.47	54.55	94.11
40	9.39	14.05	16.89	17.59	19.20	21.00	23.38	25.00	29.60	34.68	40.97	58.04	98.74
50	10.19	14.53	17.47	19.23	20.96	22.98	24.59	26.35	30.40	35.71	42.12	59.65	100.86
100	11.12	16.02	19.24	21.12	23.00	24.47	26.73	28.62	32.80	38.82	45.57	64.48	107.12
200	12.02	17.48	20.97	22.96	24.99	26.56	28.87	30.86	35.08	41.81	48.88	69.11	113.03
1000	14.05	20.79	24.89	27.10	29.46	31.03	33.45	35.40	40.07	46.46	56.16	79.68	125.72
10000	16.84	25.39	30.31	32.79	35.60	37.24	40.04	42.15	46.68	57.32	65.89	92.69	142.20
PMP	33.12	48.23	59.42	66.01	71.45	76.57	84.55	91.37	106.96	124.67	146.52	205.62	326.35
MEAN	5.416	7.248	8.562	9.491	10.453	11.327	12.536	13.637	16.108	18.320	22.166	31.756	60.829
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.087	1.244	1.430	1.492	1.520	1.513	1.496	1.451	1.262	1.186	1.149	1.419	1.405
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.342	4.483	4.942	4.657	4.017	3.915	3.694	3.877	5.342	6.393	5.527	5.964	2.776
N	61	62	61	62	62	61	62	62	62	62	62	62	62
RECORD YEAR	1961	1965	1963	1969	1969	1969	1965	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	9.580	10.630	18.470	22.240	22.940	23.710	26.230	30.020	40.590	48.460	55.230	74.480	108.300
NORMALIZED MAX	1.081	2.929	2.722	2.961	2.732	2.502	2.336	2.965	3.605	3.690	3.532	3.720	3.720
CALC. COEF. VAR	.409	.414	.425	.454	.437	.423	.414	.425	.422	.448	.422	.403	.279
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0890	.1192	.1408	.1560	.1718	.1868	.2061	.2242	.2648	.3012	.3644	.5221	1.0000
RP10/A	1.1298	1.7193	2.1555	2.4015	2.6215	2.8215	3.1715	3.3715	4.0515	4.5615	5.4615	7.7615	1.3832
RP25/A	1.518	2.139	2.571	2.840	3.099	3.323	3.654	3.940	4.579	5.335	6.324	8.968	1.5472
RP50/A	1.675	2.389	2.872	3.161	3.446	3.680	4.033	4.332	4.997	5.871	6.924	9.807	1.5850
RP100/A	1.828	2.634	3.163	3.472	3.782	4.023	4.395	4.705	5.391	6.381	7.492	10.601	1.7611
RP1000/A	2.310	3.418	4.092	4.455	4.843	5.102	5.524	5.858	6.567	7.959	9.232	13.304	2.0566
RP10000/A	2.768	4.174	4.982	5.391	5.853	6.121	6.583	6.929	7.674	9.424	10.832	15.270	2.3317
PMP/A	5.445	7.930	9.769	10.852	11.746	12.588	13.900	15.021	17.584	20.095	24.087	33.803	5.0558

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A60 1653 0	STATION NAME CHALLENGE RS	ELEV 24	SEC 2560	TWP 19	RNG LOT 07E 0	BWM M	LATITUDE 39+483	LONGITUDE 121+223	COUNTY CODE 58				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.54	7.41	9.07	10.23	11.17	12.33	13.94	15.41	18.58	20.07	23.99	35.65	66.12
5	7.40	10.23	12.68	14.27	15.49	16.98	19.13	21.03	25.11	27.53	32.48	47.96	83.45
10	8.60	12.11	15.04	16.88	18.27	19.93	22.35	24.46	28.95	32.09	37.57	55.33	97.63
20	9.71	13.88	17.26	19.30	20.85	22.64	25.29	27.56	32.35	36.20	42.13	61.93	108.75
25	10.06	14.44	17.95	20.05	21.65	23.48	26.20	28.50	33.38	37.48	43.51	63.94	104.33
40	10.23	15.59	19.38	20.42	22.04	25.20	28.05	30.44	35.47	40.04	46.34	68.04	109.45
50	11.10	16.13	20.05	22.32	24.07	26.00	28.91	31.34	36.43	41.23	47.64	71.88	111.80
100	12.11	17.78	22.08	24.51	26.42	28.43	31.51	34.04	39.30	44.61	51.55	75.58	118.75
200	13.10	19.40	24.07	26.85	28.70	30.78	34.02	36.64	42.04	48.26	55.29	81.01	125.30
1000	15.31	23.08	28.56	31.45	33.83	36.05	39.61	42.38	48.02	55.89	63.52	92.93	137.37
10000	18.35	28.18	34.78	38.08	40.89	43.25	47.19	50.13	55.94	66.18	74.53	108.88	161.66
PMP	36.09	53.54	68.20	76.61	82.05	88.94	99.86	108.87	128.18	143.92	165.73	241.02	361.76
MEAN	5.902	8.645	9.827	11.015	12.004	13.157	14.775	16.220	19.304	21.149	25.072	37.223	67.430
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.839	1.496	1.591	1.352	1.165	.885	.705	.565	.359	1.018	.653	.204	-0.084
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400	.300	.200
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400	.300	.200
KURTOSIS	3.194	5.988	6.829	5.564	4.657	3.503	3.044	2.830	2.789	5.359	3.539	2.537	1.944
N	36	36	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1963	1963	1963	1963	1963	1963	1965	1965	1965	1965	1965	1965	1941
RECORD MAXIMUM	9.930	17.170	22.650	24.980	25.210	25.210	27.110	30.180	34.090	46.740	46.190	61.240	95.200
NORMALIZED MAX	1.907	3.002	3.331	3.233	2.918	2.405	2.294	2.340	2.304	3.323	2.689	2.062	1.572
CALC. COEF. VAR	.358	.378	.392	.372	.377	.381	.384	.385	.332	.364	.343	.292	.221
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.292
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.292
MEAN/A	.6875	1.1193	1.4457	1.634	1.780	1.951	2.191	2.405	2.863	3.317	3.710	5.520	1.00000
RP10/A	1.276	1.795	2.231	2.503	2.709	2.956	3.315	3.627	4.293	4.759	5.572	8.206	1.38322
RP25/A	1.492	2.141	2.662	2.973	3.211	3.462	3.885	4.227	4.950	5.556	6.453	9.483	1.54702
RP50/A	1.647	2.293	2.873	3.210	3.570	3.856	4.288	4.648	5.402	6.114	7.065	10.369	1.65600
RP100/A	1.797	2.635	3.275	3.635	3.916	4.216	4.673	5.068	5.822	6.646	7.645	11.209	1.67500
RP1000/A	2.270	3.422	4.236	4.664	5.017	5.346	5.874	6.285	7.121	8.288	9.420	13.782	2.05658
RP10000/A	2.721	4.180	5.158	5.644	6.063	6.415	6.990	7.434	8.296	9.814	11.052	16.146	2.33370
PMP/A	5.353	7.940	10.114	11.361	12.168	13.191	14.779	16.117	19.009	21.344	24.578	35.743	5.36500

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB #60 1916 0	STATION NAME COLGATE PM	ELEV 33	SEC 585	TWP 16	RNG LOT 17N 07E J M	BWM 39.331	LATITUDE 121-188	LONGITUDE 121-188	COUNTY CODE 58				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.21	4.22	5.03	5.65	6.23	6.73	7.65	8.52	10.28	11.51	13.93	20.33	39.63
5	4.29	5.83	7.03	7.89	8.64	9.27	10.49	11.62	13.89	15.80	18.86	27.35	50.02
10	4.99	6.90	8.34	9.33	10.19	10.87	12.26	13.52	16.02	18.41	21.82	31.56	55.90
20	5.63	7.92	9.57	10.67	11.63	12.35	13.88	15.23	17.90	20.77	24.46	35.33	61.00
25	5.84	8.23	9.96	11.08	12.08	12.81	14.37	15.76	18.47	21.49	25.27	36.47	62.53
40	5.93	8.89	10.75	11.29	12.29	13.75	15.39	16.83	19.63	22.97	26.91	38.81	65.61
50	6.44	9.20	11.12	12.34	13.43	14.19	15.86	17.32	20.16	23.65	27.66	39.88	67.01
100	7.03	10.14	12.25	13.55	14.73	15.51	17.29	18.82	21.75	25.71	29.93	43.11	71.18
200	7.88	11.07	13.35	14.73	16.01	16.80	18.67	20.25	23.27	27.69	32.11	46.21	75.10
1000	8.88	13.16	15.84	17.39	18.87	19.67	21.73	23.43	26.58	32.06	36.88	53.01	83.53
10000	10.64	16.07	19.29	21.04	22.80	23.60	25.89	27.71	30.96	37.97	43.27	62.10	94.48
PMP	20.93	30.53	37.83	42.35	45.76	48.53	54.68	60.08	70.94	82.57	96.23	137.48	216.84
MEAN	3.424	4.588	5.450	6.089	6.695	7.179	8.106	8.967	10.683	12.134	14.558	21.232	40.417
CLOCK HR. COR.	1.140	1.070	1.090	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.933	2.041	1.752	1.453	1.220	1.077	.668	.387	.401	.816	1.770	.644	.185
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700	.700	.400	.400
KURTOSIS	8.765	11.089	9.043	6.741	5.777	4.074	3.382	2.615	2.964	4.364	3.816	3.368	2.359
N	68	68	68	68	68	68	68	68	68	68	68	68	68
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1969	1991	1911	1911	1943
RECORD MAXIMUM	8.050	12.460	14.210	15.240	16.070	16.070	16.076	16.070	21.670	26.870	30.770	41.270	67.040
NORMALIZED MAX	3.685	4.462	4.425	4.099	3.941	3.441	2.869	2.295	2.921	3.299	3.035	2.692	2.469
CALC. COEF. VAR	.367	.385	.363	.367	.355	.360	.342	.345	.352	.368	.367	.351	.267
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0847	.1135	.1349	.1507	.1657	.1776	.2006	.2219	.2643	.3002	.3662	.5253	1.0000
RP10/A	.1234	.1708	.2021	.2253	.2421	.2589	.2964	.3345	.4011	.4555	.5398	.7889	1.3832
RP25/A	.1444	.2037	.2463	.2742	.2988	.3169	.3556	.3899	.4570	.5318	.6251	.9024	1.5472
RP50/A	.1594	.2276	.2751	.3053	.3322	.3510	.3925	.4287	.4988	.5852	.6884	.9868	1.8580
RP100/A	.1739	.2509	.3030	.3353	.3645	.3838	.4278	.4656	.5382	.6361	.7406	1.0867	1.7611
RP1000/A	.2197	.3256	.3920	.4362	.4668	.4867	.5377	.5797	.6575	.7833	.9126	1.3115	2.0688
RP10000/A	.2633	.3977	.4773	.5266	.5642	.5839	.6407	.6857	.7660	.9303	1.0707	1.5366	2.3377
PMP/A	.5186	.7555	.9359	1.0478	1.1322	1.2007	1.3529	1.4865	1.7551	2.0429	2.3809	3.4015	5.3650

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB #60 2334 0	STATION NAME DEER CREEK PM	ELEV 39	SEC 3700	TWP 35	RNG LOT 17N 10E	BWM M	LATITUDE 39.300	LONGITUDE 120.850	COUNTY CODE 29				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.28	7.21	8.85	10.00	10.99	11.93	13.38	14.76	17.53	19.54	23.24	33.78	65.72
5	7.05	9.96	12.38	13.95	15.24	16.43	18.36	20.14	23.69	26.80	31.47	45.44	82.94
10	8.19	11.79	14.68	16.50	17.98	19.28	21.46	23.43	27.31	31.24	36.40	52.43	92.70
20	9.25	13.52	16.85	18.96	20.52	21.96	24.28	26.40	30.52	35.24	40.82	58.68	101.16
25	9.58	14.06	17.52	19.60	21.31	22.72	25.15	27.31	31.49	36.47	42.16	60.59	103.69
40	9.74	15.18	18.92	19.96	21.70	24.36	26.93	29.16	33.46	38.98	44.90	64.47	108.79
50	10.88	15.71	19.57	21.82	23.70	25.16	27.75	30.02	34.37	40.13	46.16	66.25	111.12
100	11.54	17.32	21.58	23.96	26.00	27.51	30.25	32.61	37.08	43.52	49.95	71.62	116.02
200	12.47	18.89	23.50	26.05	28.25	29.70	32.66	35.10	39.66	46.98	53.57	76.76	124.53
1000	14.58	22.47	27.88	30.74	33.30	34.88	38.02	40.80	45.30	54.41	61.54	88.06	138.52
10000	17.48	27.44	33.95	37.28	40.25	41.05	45.31	48.02	52.78	64.42	72.21	103.16	156.67
PMP	34.37	52.14	66.57	74.69	80.77	86.06	95.67	104.11	120.93	140.11	160.57	228.38	359.55
MEAN	5.621	7.834	9.892	10.767	11.817	12.730	14.184	15.539	18.213	20.589	24.292	35.270	67.019
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.944	1.410	1.342	1.252	1.317	1.233	1.240	1.266	1.177	1.446	1.175	.811	.273
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.016	4.633	4.445	4.124	4.743	4.548	4.849	5.087	4.766	5.821	4.585	3.172	2.179
N	80	80	80	80	80	80	80	80	80	80	80	80	80
RECORD YEAR	1914	1956	1963	1963	1956	1956	1956	1956	1969	1965	1969	1969	1943
RECORD MAXIMUM	9.190	16.830	20.340	23.150	26.470	29.720	33.390	36.040	42.470	52.410	56.320	73.440	109.670
NORMALIZED MAX	1.748	2.688	2.818	2.581	3.165	3.074	3.188	3.083	3.130	3.426	3.032	2.731	2.143
CALC. COEF. VAR	.383	.427	.428	.446	.445	.434	.425	.428	.425	.451	.435	.345	.297
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0839	.1169	.1431	.1607	.1763	.1899	.2116	.2319	.2718	.3072	.3625	.5263	1.0000
RP10/A	.1222	.1759	.2191	.2482	.2683	.2877	.3262	.3496	.4075	.4661	.5432	.7823	1.3832
RP25/A	.1429	.2098	.2615	.2924	.3160	.3389	.3753	.4075	.4699	.5442	.6291	.9060	1.5472
RP50/A	.1578	.2344	.2920	.3255	.3536	.3754	.4141	.4400	.5129	.5980	.6787	.9868	1.6580
RP100/A	.1721	.2584	.3216	.3575	.3860	.4104	.4514	.4866	.5533	.6509	.7453	1.0807	1.7611
RP1000/A	.2175	.3353	.4160	.4587	.4956	.5204	.5673	.6050	.6759	.8118	.9163	1.3139	2.0668
RP10000/A	.2607	.4095	.5066	.5551	.6005	.6244	.6760	.7165	.7875	.9613	1.0774	1.5393	2.3377
PMP/A	.5129	.7779	.9933	1.1174	1.2051	1.2840	1.4275	1.5534	1.8644	2.0966	2.3959	3.4676	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY			
A60 2458 0	DOBBINS COLGATE	43	1550	09	17N	07E	0	M	39.346	121.194	58		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.32	4.52	5.27	5.94	6.46	7.05	7.95	8.75	10.53	11.72	14.26	20.95	40.64
5	4.44	6.24	7.37	8.29	8.96	9.71	10.91	11.94	14.23	16.08	19.31	28.18	51.54
10	5.16	7.39	8.75	9.80	10.57	11.40	12.75	13.89	16.41	18.74	22.34	32.51	57.60
20	5.82	8.47	10.04	11.21	12.07	12.95	14.43	15.65	18.34	21.14	25.05	36.39	62.86
25	6.03	8.81	10.44	11.64	12.53	13.43	14.95	16.18	18.92	21.87	25.87	37.57	64.43
40	6.13	9.51	11.27	11.86	12.76	14.41	16.00	17.28	20.11	23.36	27.55	39.98	67.60
50	6.06	9.84	11.66	12.96	13.94	14.87	16.49	17.79	20.65	24.07	28.32	41.09	69.05
100	7.26	10.85	12.84	14.24	15.29	16.26	17.98	19.33	22.88	26.17	30.45	44.42	73.34
200	7.85	11.84	14.04	15.48	16.61	17.60	19.41	20.80	23.83	28.18	32.87	47.60	77.38
1000	9.18	14.08	16.61	18.27	19.58	20.61	22.39	24.06	27.22	32.64	37.77	54.61	86.07
10000	11.00	17.19	20.23	22.11	23.67	24.73	26.92	28.64	31.71	38.64	44.31	63.98	97.35
PMP	21.64	32.66	39.66	44.49	47.50	50.86	56.85	61.70	72.67	84.04	98.54	141.93	223.42
MEAN	3.538	4.908	5.714	6.397	6.950	7.524	8.429	9.209	10.944	12.358	14.967	21.873	41.444
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.800	2.171	1.909	1.565	1.378	1.182	.824	.576	.294	.179	.066	.535	.089
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
KURTOSIS	8.468	10.742	8.967	6.666	5.477	4.686	3.238	2.634	2.386	3.743	3.047	2.918	2.204
N	66	66	66	66	66	66	66	66	66	66	66	66	66
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	8.100	13.400	15.300	16.450	17.420	17.420	17.420	17.420	19.810	21.720	31.780	42.050	64.280
NORMALIZED MAX	3.666	4.403	4.278	3.920	3.680	3.339	2.737	2.400	2.278	3.206	3.063	2.637	2.063
CALC. COEF. VAR	.352	.393	.392	.347	.324	.284	.236	.204	.187	.239	.234	.186	.165
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0850	.1178	.1372	.1536	.1669	.1807	.2024	.2211	.2628	.2966	.3580	.5252	1.0000
RP10/A	.1238	.1773	.2101	.2354	.2539	.2737	.3062	.3334	.3941	.4499	.5364	.7800	1.3832
RP25/A	.1448	.2115	.2507	.2795	.3010	.3224	.3569	.3868	.4544	.5253	.6212	.9023	1.5472
RP50/A	.1590	.2383	.2799	.3113	.3367	.3570	.3961	.4279	.4989	.5781	.6802	.9661	1.6580
RP100/A	.1744	.2605	.3084	.3419	.3673	.3944	.4317	.4641	.5350	.6203	.7300	1.0665	1.7611
RP1000/A	.2204	.3380	.3989	.4386	.4703	.4950	.5426	.5778	.6536	.7837	.9069	1.3113	2.0668
RP10000/A	.2642	.4128	.4857	.5308	.5684	.5939	.6465	.6834	.7615	.9279	1.0640	1.5363	2.3677
PMP/A	.5196	.7843	.9523	1.0684	1.1406	1.2213	1.3652	1.4816	1.7449	2.0180	2.6661	3.4009	5.3550

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE														
STATION NO. BSN ORDER SUB		STATION NAME		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY		
A60	2500	0	DOWNEVILLE RS	44	2895	35	20N	10E	E	M	39.559	120.830	46	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5	4.66	6.46	7.86	8.84	9.67	10.45	11.89	13.14	15.63	17.39	21.18	30.64	60.15
5	10	6.22	8.91	10.99	12.33	13.42	14.49	16.31	17.93	21.12	23.86	28.68	41.21	75.90
10	20	7.25	10.55	13.04	14.58	15.83	16.90	19.06	20.85	24.35	27.80	33.17	47.55	84.83
20	25	8.16	12.10	14.96	16.67	18.06	19.19	21.57	23.50	27.21	31.37	37.20	53.22	92.58
25	40	8.45	12.59	15.56	17.32	18.76	19.91	22.34	24.30	28.07	32.46	38.42	54.95	94.90
40	50	8.60	13.59	16.80	17.64	19.10	21.37	23.92	25.76	29.63	34.69	40.92	58.47	99.56
50	100	9.33	14.06	17.38	19.28	20.86	22.04	24.65	26.72	30.64	35.72	42.06	60.09	101.69
100	200	10.18	15.50	19.15	21.18	22.89	24.10	26.87	29.02	33.06	38.83	45.52	64.96	106.01
200	1000	11.01	16.92	20.87	23.03	24.87	26.10	29.01	31.24	35.36	41.62	48.62	69.62	113.97
1000	10000	12.86	20.12	24.77	27.17	29.31	30.56	33.78	36.14	40.39	48.43	56.69	79.86	126.77
10000	PMP	15.42	26.57	36.16	32.88	35.43	36.67	40.25	42.74	47.05	57.34	65.80	93.56	143.38
		30.33	46.67	59.13	66.19	71.09	75.41	84.98	92.66	107.81	124.70	146.33	207.12	329.05
MEAN		4.960	7.013	8.520	9.517	10.401	11.155	12.600	13.830	16.237	18.325	22.138	31.988	61.334
CLOCK HR. COR.		1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW		.909	1.373	1.503	1.357	1.084	1.126	.878	.793	.690	1.129	.736	.455	.084
REGIONAL SKEW		1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
SKEW USED		1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.200	.700	.400
KURTOSIS		3.894	5.469	6.400	5.563	4.596	4.869	3.984	3.944	3.485	5.189	3.670	2.791	2.167
N		65	65	66	66	66	66	66	66	66	66	66	66	66
RECORD YEAR		1963	1963	1963	1963	1963	1956	1956	1956	1956	1965	1965	1956	1952
RECORD MAXIMUM		9.260	15.810	21.380	23.770	23.770	25.890	28.070	30.730	33.210	44.480	46.070	59.590	91.820
NORMALIZED MAX		2.518	3.214	3.707	3.646	3.177	3.266	3.142	3.118	2.761	3.533	2.717	2.398	1.650
CALC. COEF. VAR		.340	.396	.405	.411	.445	.409	.404	.392	.379	.389	.389	.386	.269
REGION. COEF. VAR		.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR		.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A		.0809	.1143	.1389	.1552	.1696	.1819	.2054	.2255	.2647	.2988	.3609	.5215	1.0000
RP10/A		.1176	.1721	.2127	.2378	.2580	.2745	.3106	.3400	.3970	.4553	.5467	.7753	1.3832
RP25/A		.1378	.2052	.2509	.2804	.3059	.3245	.3682	.3952	.4572	.5262	.6204	.8509	1.5472
RP50/A		.1522	.2293	.2834	.3144	.3401	.3594	.4020	.4357	.4996	.5624	.6658	.9797	1.6580
RP100/A		.1660	.2528	.3122	.3453	.3732	.3930	.4381	.4732	.5390	.6331	.7421	1.0591	1.7611
RP1000/A		.2097	.3280	.4038	.4431	.4779	.4983	.5507	.5892	.6585	.7895	.9145	1.3021	2.0668
RP10000/A		.2514	.4006	.4917	.5362	.5776	.5979	.6562	.6965	.7671	.9349	1.0729	1.5255	2.3377
PMP/A		.4945	.7610	.9641	1.0792	1.1591	1.2295	1.3856	1.5109	1.7578	2.0332	2.3859	3.3770	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB A60 2513 0	STATION NAME DRUM FOREBAY	ELEV 4640	SEC 16	TWP 16N	RNG LOT 11E M	8MM M	LATITUDE 39.249	LONGITUDE 120.753	COUNTY CODE 29				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	4.22	5.92	7.08	8.02	8.98	9.78	10.96	12.09	14.05	15.54	18.73	27.95	56.77
5	5.64	8.17	9.89	11.19	12.45	13.47	15.04	16.50	18.98	21.31	25.36	37.59	71.64
10	6.56	9.67	11.74	13.23	14.69	15.81	17.57	19.19	21.89	24.84	29.34	43.38	80.07
20	7.40	11.09	13.47	15.13	16.77	17.95	19.89	21.62	24.48	28.02	32.89	48.55	87.38
25	7.67	11.54	14.01	15.71	17.41	18.62	20.60	22.38	25.24	29.00	33.98	50.12	89.57
40	7.80	12.46	15.12	16.00	17.73	19.99	22.06	23.88	26.82	30.99	36.18	53.33	93.97
50	8.46	12.89	15.64	17.49	19.36	20.62	22.73	24.59	27.54	31.91	37.20	54.01	95.98
100	9.23	14.21	17.23	19.21	21.25	22.55	24.77	26.71	29.71	34.69	40.25	59.25	101.95
200	9.98	15.50	18.78	20.89	23.08	24.41	26.75	28.74	31.78	37.35	43.17	63.50	107.57
1000	10.90	16.44	20.20	22.45	25.21	26.54	29.14	31.25	34.30	40.26	46.60	70.00	119.65
10000	13.99	22.52	27.14	29.83	32.89	34.30	37.11	39.33	42.29	51.23	58.19	85.35	135.33
PMP	27.51	42.78	53.21	60.05	65.99	70.54	78.35	85.26	98.91	111.41	129.40	188.94	310.57
MEAN	4.498	6.428	7.668	8.634	9.655	10.435	11.616	12.725	14.595	16.371	19.577	29.179	57.889
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.256	1.472	1.490	1.501	1.371	1.228	1.162	1.033	.938	.876	.736	.682	.296
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	4.915	4.981	4.894	4.888	4.649	4.338	4.319	4.032	2.951	4.200	4.144	2.937	2.562
N	51	51	51	51	51	51	51	51	51	51	50	50	50
RECORD YEAR	1928	1963	1963	1951	1951	1951	1951	1956	1965	1965	1956	1956	1952
RECORD MAXIMUM	8.420	13.110	16.300	19.260	20.830	22.450	24.320	26.660	28.390	35.760	40.370	56.110	93.570
NORMALIZED MAX	2.372	2.578	2.731	2.855	2.733	2.736	2.725	2.733	2.341	2.929	2.725	2.383	2.095
CALC. COEF. VAR	.368	.403	.412	.431	.423	.421	.401	.401	.404	.426	.390	.387	.294
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0777	.1110	.1325	.1491	.1668	.1803	.2007	.2198	.2521	.2828	.3382	.5041	1.0000
RP10/A	.1132	.1671	.2025	.2285	.2538	.2730	.3034	.3316	.3781	.4291	.5068	.7493	1.3932
RP25/A	.1324	.1993	.2420	.2715	.3008	.3216	.3558	.3863	.4359	.5009	.5869	.8859	1.5472
RP50/A	.1462	.2227	.2702	.3022	.3345	.3562	.3927	.4247	.4758	.5513	.6426	.9468	1.6580
RP100/A	.1595	.2455	.2976	.3319	.3671	.3895	.4280	.4613	.5133	.5992	.6953	1.0235	1.7611
RP1000/A	.2015	.3185	.3850	.4259	.4700	.4939	.5379	.5743	.6271	.7473	.8568	1.2584	2.0668
RP10000/A	.2416	.3890	.4688	.5154	.5681	.5926	.6410	.6793	.7306	.8849	1.0052	1.4743	2.3377
PMP/A	.4752	.7390	.9192	1.0373	1.1400	1.2185	1.3535	1.4727	1.6741	1.9245	2.2354	3.2638	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB A60 3571 0	STATION NAME GRASS VALLEY	ELEV 63	SEC 2593	TWP 27	RNG LOT 16N	8MM 08E 8 M	LATITUDE 39.226	LONGITUDE 121.059	COUNTY CODE 29				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	4.32	5.80	7.03	7.95	8.76	9.47	10.80	11.89	14.12	15.54	18.69	27.22	52.30
5	5.77	8.01	9.04	11.10	12.15	13.04	14.82	16.23	19.07	21.31	25.30	36.62	66.00
10	6.70	9.48	11.67	13.12	14.33	15.30	17.32	18.68	21.99	24.84	29.27	42.25	73.77
20	7.57	10.87	13.39	15.00	16.36	17.38	19.60	21.27	24.57	28.02	32.82	47.29	80.50
25	7.84	11.31	13.93	15.59	16.99	18.03	20.30	22.00	25.36	29.00	33.90	48.83	82.52
40	7.97	12.21	15.04	15.87	17.29	19.35	21.74	23.50	26.94	30.99	36.10	51.95	86.58
50	8.66	12.63	15.55	17.35	18.89	19.76	22.40	24.19	27.67	31.91	37.12	53.39	86.43
100	9.44	13.92	17.13	19.08	20.73	21.83	24.42	26.27	29.86	34.69	40.16	57.72	93.92
200	10.21	15.19	18.68	20.72	22.52	23.64	26.36	28.28	31.94	37.36	43.08	61.86	99.10
1000	11.93	18.07	22.16	24.45	26.54	27.68	30.69	32.71	36.48	43.26	49.49	70.97	110.23
PMP	28.13	41.92	52.91	59.56	64.37	68.29	77.23	83.68	97.37	111.41	129.12	184.05	286.13
MEAN	4.601	6.299	7.624	8.563	9.418	10.102	11.450	12.519	14.665	16.372	19.533	28.425	53.333
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.169	1.275	1.194	1.192	1.131	.935	.842	.825	.697	1.056	.787	.469	.065
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	4.276	4.858	5.724	6.779	4.704	4.200	3.886	3.988	3.279	4.648	3.649	2.815	2.054
RECORD YEAR	73	73	73	73	73	73	73	73	73	73	73	73	73
RECORD MAXIMUM	8.100	12.320	18.100	19.920	21.260	22.240	24.420	27.570	29.820	37.780	39.120	54.520	79.280
NORMALIZED MAX	2.531	2.751	3.715	3.479	3.322	3.233	3.001	3.142	2.718	3.261	2.636	2.512	1.785
CALC. COEF. VAR	.301	.347	.370	.381	.379	.372	.377	.383	.376	.389	.389	.365	.273
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0963	.1181	.1430	.1606	.1766	.1894	.2147	.2347	.2750	.3070	.3662	.5330	1.0000
RP10/A	.1257	.1777	.2188	.2460	.2687	.2859	.3248	.3539	.4123	.4657	.5488	.7923	1.3832
RP25/A	.1470	.2120	.2611	.2922	.3185	.3380	.3807	.4125	.4754	.5438	.6356	.9155	1.5472
RP50/A	.1623	.2368	.2916	.3253	.3542	.3743	.4201	.4535	.5189	.5964	.6939	1.0212	1.6805
RP100/A	.1771	.2611	.3212	.3573	.3886	.4093	.4579	.4926	.5598	.6504	.7530	1.0823	1.7611
RP1000/A	.2237	.3388	.4155	.4585	.4976	.5190	.5755	.6133	.6839	.8112	.9279	1.3306	2.0668
RP10000/A	.2682	.4138	.5060	.5568	.6014	.6227	.6857	.7254	.7968	.9605	1.0887	1.5589	2.3377
PMP/A	.5275	.7860	.9921	1.1167	1.2070	1.2804	1.4481	1.5727	1.8257	2.0890	2.4209	3.4510	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 460 3946 0	STATION NAME MIDDEN VALLEY	ELEV 69	SEC 1978	TWP 33	RNG LOT 14N 08E 0	8MM M	LATITUDE 39.027	LONGITUDE 121.093	COUNTY CODE 29				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.04	3.96	4.73	5.32	5.80	6.26	7.19	8.06	9.29	10.13	12.28	17.80	34.00
5	4.06	5.47	6.62	7.42	8.04	8.63	9.87	11.00	12.55	13.90	16.63	23.94	42.91
10	4.71	6.48	7.86	8.77	9.48	10.12	11.54	12.79	14.47	16.20	19.23	27.62	47.96
20	5.32	7.43	9.01	10.03	10.82	11.50	13.05	14.41	16.17	18.28	21.56	30.92	57.33
25	5.51	7.73	9.37	10.42	11.24	11.93	13.52	14.91	16.69	18.82	22.27	31.92	53.64
40	5.61	8.34	10.12	10.61	11.44	12.00	14.48	15.92	17.73	20.22	23.72	33.96	56.28
50	6.09	8.63	10.47	11.00	12.50	13.21	14.92	16.38	18.21	20.82	24.38	34.90	57.49
100	6.44	9.52	11.83	12.43	13.71	14.44	16.76	18.40	19.65	22.43	26.39	37.73	61.06
200	7.18	10.38	12.57	13.85	14.90	15.64	17.56	19.16	21.02	24.37	28.30	40.44	64.43
1000	8.39	12.35	14.92	16.34	17.56	18.31	20.44	22.16	24.01	28.22	32.52	46.39	71.66
10000	10.06	15.08	18.16	19.78	21.22	21.97	24.36	26.21	27.97	33.41	38.15	54.35	81.05
PMP	19.78	26.65	35.61	39.81	42.59	45.18	51.43	56.63	64.68	72.67	84.84	120.31	186.02
MEAN	3.235	4.305	5.131	5.724	6.231	6.683	7.425	8.482	9.651	10.679	12.835	18.581	34.672
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.208	2.275	2.715	2.399	1.855	1.401	.829	.536	.217	.493	.283	.469	.274
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400

KURTOSIS	4.574	10.053	12.453	10.728	8.114	5.777	3.453	2.561	2.292	2.469	2.103	2.707	2.097
N	22	23	22	22	22	22	22	22	22	22	22	22	23
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1969	1969
RECORD MAXIMUM	5.500	10.350	14.000	15.360	15.360	15.360	15.360	15.360	15.360	18.640	21.450	29.630	50.760
NORMALIZED MAX	2.054	3.216	3.592	3.503	3.279	2.965	2.509	2.148	1.689	2.056	1.922	1.882	1.750
CALC. COEF. VAR	.341	.437	.481	.481	.447	.438	.404	.378	.350	.363	.337	.316	.285
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.363	.340	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.363	.340	.376	.387	.374	.365	.291
MEAN/A	.0933	.1242	.1480	.1651	.1797	.1927	.2199	.2444	.2783	.3080	.3702	.5359	1.0000
RP10/A	.1360	.1868	.2266	.2530	.2734	.2920	.3327	.3689	.4174	.4673	.5547	.7967	1.3832
RP25/A	.1590	.2228	.2703	.3005	.3241	.3439	.3900	.4299	.4813	.5456	.6424	.9201	1.5672
RP50/A	.1750	.2496	.3019	.3345	.3604	.3869	.4304	.4727	.5253	.6004	.7034	1.0087	1.6580
RP100/A	.1915	.2744	.3326	.3674	.3955	.4165	.4650	.5134	.5647	.6526	.7611	1.0882	1.7611
RP1000/A	.2420	.3561	.4302	.4714	.5064	.5281	.5896	.6392	.6923	.8139	.9378	1.3800	2.0668
RP10000/A	.2901	.4349	.5238	.5704	.6121	.6336	.7025	.7560	.8066	.9637	1.1003	1.5675	2.3377
PMP/A	.5705	.8262	1.0271	1.1481	1.2283	1.3030	1.4834	1.6390	1.8482	2.0959	2.4468	3.5751	5.6502

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE				
4246 50	INDIAN ROCK	73	2240	10 18N	07E 8	M	39.437	121.174	58				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.60	7.75	9.58	10.92	11.99	13.04	14.72	16.41	19.54	21.13	25.16	35.81	64.72
5	7.49	10.70	13.39	15.23	16.63	17.97	20.20	22.39	26.40	28.99	34.07	48.18	81.87
10	8.70	12.67	15.89	18.01	19.62	21.08	23.60	26.05	30.44	33.79	39.41	55.59	91.28
20	9.82	14.52	18.23	20.59	22.39	23.95	26.71	29.35	34.01	36.12	44.19	62.21	99.61
25	10.17	15.11	18.96	21.39	23.25	24.83	27.66	30.36	35.10	39.45	45.65	64.23	102.11
40	10.34	16.31	20.47	21.79	23.68	25.66	29.62	32.42	37.29	42.16	48.61	68.35	107.13
50	11.23	16.88	21.17	23.62	25.86	27.50	30.53	33.38	38.30	43.41	49.98	70.24	109.42
100	12.25	18.61	23.33	26.16	28.37	30.07	33.27	36.25	41.33	47.19	54.08	75.93	116.22
200	13.25	20.30	25.43	28.44	30.82	32.56	35.93	39.02	44.20	50.62	58.00	81.38	122.63
1000	15.46	24.14	30.17	33.56	36.33	38.13	41.82	45.14	50.49	58.85	68.64	93.39	136.40
10000	18.56	29.49	36.74	40.62	43.91	45.76	49.84	53.39	58.82	69.68	78.10	109.37	154.08
PMP	36.50	56.02	72.04	81.75	88.12	94.08	105.24	115.74	134.78	151.54	173.86	242.12	354.08
MEAN	5.968	8.417	10.380	11.754	12.893	13.917	15.403	17.275	20.298	22.270	26.302	37.393	65.995
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.697	1.257	1.527	1.238	.936	.773	.525	.321	-.017	.769	.650	.412	-.033
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400

KURTOSIS	3.051	4.647	6.085	4.818	3.643	3.241	2.691	2.368	2.648	4.497	3.374	2.643	2.409
N	20	20	20	20	20	20	20	20	20	20	20	19	19
RECORD YEAR	1960	1963	1963	1963	1963	1956	1956	1956	1965	1965	1965	1956	1958
RECORD MAXIMUM	8.750	16.550	22.650	24.550	24.550	25.000	27.050	29.250	33.890	46.280	47.330	65.250	100.100
NORMALIZED MAX	1.337	2.293	2.715	2.558	2.210	1.921	1.943	1.806	1.854	2.642	2.130	2.010	1.716
CALC. COEF. VAR	.348	.421	.435	.426	.409	.415	.378	.384	.361	.460	.375	.371	.301
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.363	.340	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.363	.340	.376	.387	.374	.365	.291
MEAN/A	.0994	.1275	.1573	.1781	.1954	.2109	.2364	.2618	.3076	.3374	.3985	.5666	1.0000
RP10/A	.1318	.1919	.2408	.2729	.2973	.3194	.3577	.3947	.4612	.5120	.5972	.8423	1.3832
RP25/A	.1541	.2289	.2873	.3254	.3524	.3763	.4192	.4518	.5247	.5747	.6917	.9730	1.5672
RP50/A	.1702	.2550	.3209	.3609	.3918	.4167	.4626	.5057	.5804	.6578	.7573	1.0643	1.6580
RP100/A	.1856	.2819	.3534	.3964	.4299	.4557	.5042	.5493	.6262	.7150	.8194	1.1505	1.7611
RP1000/A	.2346	.3668	.4572	.5086	.5505	.5778	.6338	.6833	.7650	.8817	1.0097	1.4148	2.0668
RP10000/A	.2812	.4460	.5587	.6154	.6584	.6933	.7654	.8089	.8913	1.0359	1.1947	1.6573	2.3377
PMP/A	.5530	.8408	1.0915	1.2388	1.3353	1.4256	1.5947	1.7538	2.0423	2.2963	2.6344	3.6687	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A60 4713 0	STATION NAME LAKE SPALDING		ELEV 80	SEC 5156	TWP 21	RNG LOT 17N 12E N	BWM M	LATITUDE 39.319	LONGITUDE 120.637	COUNTY CODE 29			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.85	6.85	8.21	9.26	10.30	11.23	12.58	13.68	16.48	18.14	22.09	32.35	64.44
5	6.48	9.45	11.48	12.92	14.29	15.47	17.27	18.94	22.27	24.88	29.91	43.52	81.32
10	7.53	11.19	13.62	15.28	16.85	18.15	20.18	22.03	25.67	29.00	34.60	50.21	90.89
20	8.51	12.83	15.62	17.47	19.24	20.62	22.84	24.82	28.69	32.72	38.79	56.20	99.18
25	8.81	13.35	16.25	18.15	19.98	21.38	23.65	25.67	29.60	33.66	40.67	58.02	101.60
40	8.96	14.41	17.54	18.48	20.34	22.95	25.33	27.42	31.46	36.18	42.67	61.74	106.67
50	9.72	14.91	18.15	20.20	22.21	23.68	26.10	28.23	32.31	37.26	43.87	63.45	108.95
100	10.61	16.44	19.99	22.19	24.38	25.69	29.45	30.66	34.86	40.56	47.47	68.59	115.72
200	11.47	17.93	21.79	24.13	26.46	28.04	30.72	33.00	37.29	43.62	50.92	73.51	122.10
1000	13.40	21.33	25.66	28.47	31.21	32.83	35.76	38.17	42.59	50.51	58.49	84.32	135.81
10000	16.07	26.05	31.49	34.46	37.72	39.39	42.61	45.15	49.61	59.61	68.63	98.79	153.61
PMP	31.60	49.49	61.74	69.35	75.71	81.00	89.98	97.89	113.68	130.07	152.61	218.70	352.53
MEAN	5.168	7.436	8.896	9.972	11.076	11.983	13.340	14.610	17.121	19.114	23.088	33.776	65.709
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.453	1.700	1.816	1.876	1.918	1.958	1.982	1.982	1.982	1.982	1.982	1.982	1.982
REGIONAL SKEW	1.100	1.300	1.500	1.700	1.900	2.100	2.300	2.500	2.700	2.900	3.100	3.300	3.500
SKEW USED	1.100	1.300	1.500	1.700	1.900	2.100	2.300	2.500	2.700	2.900	3.100	3.300	3.500

KURTOSIS	6.218	6.587	5.977	6.090	7.126	6.855	6.649	6.067	4.937	7.118	4.854	3.245	2.390
N	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	11.550	17.570	23.590	27.540	30.710	32.860	36.210	39.412	42.680	54.070	56.970	70.240	102.560
NORMALIZED MAX	3.233	3.255	3.649	3.645	3.925	3.866	3.890	3.809	3.581	4.165	3.457	2.664	1.940
CALC. COEF. VAR	.382	.420	.436	.453	.453	.443	.441	.443	.417	.449	.425	.402	.289
REGN. COEF. VAR	.341	.377	.396	.397	.369	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.369	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0787	.1132	.1354	.1518	.1686	.1824	.2030	.2223	.2606	.2909	.3514	.5140	1.0000
RP10/A	.1141	.1703	.2072	.2352	.2555	.2762	.3071	.3253	.3907	.4411	.5265	.7641	1.0000
RP25/A	.1341	.2031	.2473	.2740	.3040	.3254	.3600	.3907	.4505	.5153	.6098	.8830	1.0000
RP50/A	.1480	.2269	.2762	.3075	.3381	.3604	.3973	.4296	.4917	.5570	.6677	.9656	1.0000
RP100/A	.1614	.2502	.3032	.3377	.3710	.3940	.4330	.4666	.5305	.6163	.7224	1.0438	1.7611
RP1000/A	.2040	.3246	.4335	.5335	.6750	.7450	.8500	.9400	.1040	.1261	.1602	1.2833	2.0668
RP10000/A	.2445	.3964	.4792	.5744	.6995	.7541	.8995	.1040	.1261	.1602	.2044	1.5035	2.3377
PMP/A	.4810	.7531	.9396	1.0555	1.1921	1.2326	1.3694	1.4897	1.7301	1.9795	2.3226	3.3283	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A60 6136 0	STATION NAME NEVADA CITY	ELEV 99	SEC 2600	TWP 07E	RNG LOT 16N 09E P	BWM M	LATITUDE 39.25R	LONGITUDE 121.011	COUNTY CODE 29				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	660	3650
2	4.06	5.56	6.69	7.53	8.29	8.99	10.18	11.30	13.51	15.03	18.12	26.43	51.05
5	5.43	7.68	9.35	10.51	11.50	12.38	13.97	15.42	18.25	20.61	24.53	35.55	64.42
10	6.30	9.09	11.09	12.42	13.57	14.53	16.32	17.93	21.04	24.02	28.38	41.02	72.00
20	7.12	10.42	12.73	14.20	15.49	16.50	18.47	20.21	23.52	27.10	31.82	45.91	76.57
25	7.37	10.84	13.24	14.76	16.08	17.11	19.13	20.90	24.27	28.05	32.87	47.40	80.54
40	7.50	11.71	14.29	15.03	16.38	18.37	20.49	22.32	25.79	29.97	35.00	50.44	84.50
50	8.14	12.11	14.78	16.43	17.88	18.95	21.11	22.98	26.48	30.67	35.99	51.84	86.31
100	8.88	13.35	16.29	18.04	19.62	20.72	23.01	24.96	28.57	33.55	38.94	56.04	91.67
200	9.60	14.57	17.75	19.61	21.32	22.44	24.85	26.86	30.56	36.13	41.77	60.06	96.73
1000	11.22	17.33	21.06	23.15	25.13	26.28	28.93	31.08	34.91	41.84	47.98	68.90	107.59
10000	13.45	21.18	25.65	28.01	30.37	31.53	34.47	36.76	40.67	49.54	56.29	80.72	121.69
PMP	26.45	40.20	50.29	56.38	60.95	64.84	72.78	79.68	90.18	107.15	125.18	176.68	275.27
MEAN	4.326	6.040	7.247	8.107	8.917	9.591	10.791	11.893	14.034	15.834	18.938	27.596	52.055
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.734	1.380	1.654	1.694	1.726	1.752	.921	.765	.549	.973	.756	.467	1.000
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.400	.400
SKEW USED	1.100	1.360	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.160	6.560	8.344	6.641	5.763	5.614	3.973	3.676	2.978	4.692	3.799	2.723	2.236
N	85	85	85	85	85	85	85	85	85	85	85	85	85
RECORD YEAR	1963	1963	1963	1963	1963	1956	1956	1956	1956	1965	1961	1963	1963
RECORD MAXIMUM	7.070	13.330	19.040	20.960	20.960	22.940	24.670	26.970	28.650	37.660	38.830	52.840	79.130
NORMALIZED MAX	2.102	3.745	4.438	4.192	3.659	3.703	3.400	3.256	2.790	3.605	2.884	2.524	1.904
CALC. COEF. VAR	.302	.322	.367	.378	.369	.376	.378	.378	.373	.382	.367	.360	.273
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0831	.1160	.1392	.1557	.1713	.1843	.2073	.2285	.2696	.3042	.3638	.5301	1.0000
RP10/A	.1211	.1746	.2131	.2386	.2607	.2791	.3136	.3445	.4043	.4615	.5452	.7881	1.3832
RP25/A	.1416	.2083	.2543	.2835	.3090	.3286	.3675	.4015	.4661	.5388	.6314	.9017	1.5872
RP50/A	.1564	.2327	.2840	.3156	.3436	.3641	.4056	.4414	.5088	.5929	.6913	.9958	1.6580
RP100/A	.1706	.2555	.3128	.3466	.3770	.3981	.4421	.4795	.5469	.6446	.7592	1.1611	1.7611
RP1000/A	.2155	.3328	.4047	.4447	.4827	.5049	.5557	.5970	.6706	.7838	.9217	1.3235	2.0668
RP10000/A	.2584	.4665	.4927	.5381	.5835	.6057	.6621	.7061	.7812	.9518	1.0814	1.5506	2.3377
PMP/A	.5082	.7723	.9662	1.0832	1.1709	1.2456	1.3982	1.5308	1.7901	2.0699	2.4048	3.4326	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
A60 6606 0	STRAWBERRY VALLEY	132	3608	29	20N	08E L M	39.543	121.109	58				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS N=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.48	9.35	11.42	12.91	14.05	15.16	17.36	19.34	23.33	25.81	30.61	43.65	83.00
5	8.65	12.90	15.97	18.01	19.48	20.89	23.02	26.40	31.52	35.41	41.45	58.71	104.74
10	10.06	15.28	18.95	21.30	22.98	24.51	27.84	30.71	36.34	41.27	47.95	67.75	117.07
20	11.36	17.52	21.74	24.35	26.23	27.84	31.50	34.40	40.81	44.56	53.76	75.93	127.75
25	11.76	18.22	22.61	25.30	27.24	28.87	32.63	35.79	41.91	48.18	55.53	78.29	130.95
40	11.96	19.68	24.41	25.76	27.74	30.99	34.94	38.22	44.53	51.49	59.14	83.30	137.39
50	12.98	20.36	25.25	28.16	30.29	31.98	36.01	39.35	45.74	53.02	60.80	85.61	146.33
100	14.16	22.44	27.51	30.33	32.24	34.96	39.24	42.74	49.34	57.63	65.79	92.54	149.05
200	15.31	24.48	30.32	33.63	36.11	37.86	42.37	46.01	52.78	62.07	70.57	99.18	157.27
1000	17.90	29.12	35.98	39.69	42.56	44.34	49.33	53.21	60.28	71.08	81.07	113.78	174.93
10000	21.45	35.56	43.81	48.03	51.44	53.20	58.78	62.94	70.23	85.11	95.11	133.30	197.85
PMP	42.20	67.56	85.89	96.67	103.24	109.39	124.12	136.45	160.93	185.10	211.51	295.09	434.07
MEAN	6.901	10.152	12.377	13.899	15.104	16.181	18.402	20.366	24.236	27.201	31.999	45.573	84.636
CLOCK HP. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.329	1.533	1.341	1.239	1.370	1.348	.990	.847	.529	.944	.792	.454	.050
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.000

KURTOSIS	4.632	5.247	5.146	4.765	5.071	5.101	4.132	3.965	3.301	4.622	3.925	3.237	1.904
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	11.750	20.560	24.270	26.740	31.800	34.840	36.570	40.050	45.340	57.100	59.530	80.840	121.520
NORMALIZED MAX	1.919	2.430	2.405	2.387	2.673	2.765	2.510	2.504	2.327	2.866	2.423	2.406	1.675
CALC. COEF. VAR	.366	.422	.396	.387	.414	.417	.393	.386	.374	.384	.355	.322	.260
REGIONAL COEF. VAR	.341	.377	.376	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0815	.1199	.1462	.1642	.1785	.1912	.2174	.2408	.2864	.3214	.3781	.5385	1.0000
RP10/A	.1188	.1805	.2239	.2516	.2715	.2896	.3289	.3628	.4294	.4876	.5666	.8064	1.3832
RP25/A	.1390	.2153	.2671	.2989	.3219	.3412	.3855	.4229	.4981	.5693	.6562	.9250	1.5472
RP50/A	.1534	.2405	.2951	.3327	.3579	.3754	.4254	.4549	.5404	.6265	.7156	1.0115	1.6580
RP100/A	.1674	.2652	.3286	.3654	.3927	.4131	.4637	.5050	.5800	.6810	.7773	1.0934	1.7611
RP1000/A	.2115	.3440	.4251	.4689	.5029	.5236	.5828	.6287	.7123	.8493	.9579	1.3443	2.0668
RP10000/A	.2533	.4202	.5176	.5674	.6078	.6285	.6945	.7437	.8298	1.0056	1.1238	1.5750	2.3377
PMP/A	.4986	.7993	1.0149	1.1421	1.2198	1.2924	1.4665	1.6122	1.9014	2.1870	2.4991	3.4865	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY				
A70 393 0	AUBURN	2	1300	10	12N	08E O M	38.899	121.069	31				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS N=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.82	3.86	4.53	5.02	5.56	5.97	6.65	7.42	8.82	9.84	11.85	17.20	33.28
5	3.77	5.33	6.33	7.00	7.71	8.23	9.13	10.13	11.91	13.50	16.04	23.14	42.00
10	4.38	6.31	7.51	8.28	9.10	9.65	10.66	11.78	13.73	15.74	18.56	26.70	46.94
20	4.95	7.24	8.62	9.47	10.38	10.97	12.07	13.27	15.35	17.76	20.81	29.88	51.22
25	5.12	7.53	8.97	9.83	10.78	11.37	12.50	13.73	15.84	18.37	21.49	30.85	52.50
40	5.21	8.13	9.68	10.62	10.98	12.21	13.38	14.66	16.83	19.84	22.69	32.63	55.69
50	5.65	8.41	10.01	10.95	11.99	12.59	13.79	15.09	17.28	20.22	23.53	33.74	56.27
100	6.17	9.27	11.03	12.02	13.16	13.77	15.03	16.39	18.65	21.68	25.46	36.47	59.76
200	6.67	10.12	12.02	13.07	14.29	14.91	16.23	17.64	19.95	23.67	27.31	39.09	63.06
1000	7.79	12.03	14.27	15.43	16.85	17.46	19.90	20.41	22.78	27.41	31.38	44.84	70.14
10000	9.34	14.99	17.37	18.67	20.36	20.95	22.52	24.74	28.54	32.46	36.81	52.53	79.33
PMP	18.38	27.91	34.07	37.58	40.86	43.68	47.55	52.34	60.82	70.59	81.68	116.29	182.06
MEAN	3.005	4.194	4.909	5.403	5.978	6.373	7.050	7.811	9.159	10.373	12.384	17.980	33.935
CLOCK HP. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.717	1.191	1.498	1.423	.980	.833	.563	.522	.348	.495	.527	.365	.217
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.000

KURTOSIS	4.535	7.088	7.747	6.811	4.780	3.922	2.839	2.645	2.741	3.287	3.188	2.990	2.462
N	76	76	76	76	76	76	76	76	76	76	76	76	76
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	5.410	9.660	12.580	13.860	13.860	13.860	13.860	15.490	18.540	21.250	23.290	33.320	56.730
NORMALIZED MAX	2.601	3.948	4.232	3.979	3.497	3.124	2.629	2.803	2.690	2.952	2.525	2.542	2.389
CALC. COEF. VAR	.368	.336	.350	.399	.379	.371	.367	.348	.359	.345	.334	.328	.292
REGIONAL COEF. VAR	.341	.377	.396	.397	.369	.384	.363	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.369	.384	.363	.380	.376	.387	.374	.365	.291
MEAN/A	.0886	.1236	.1447	.1592	.1762	.1876	.2077	.2302	.2699	.3057	.3649	.5292	1.0000
RP10/A	.1290	.1880	.2214	.2440	.2660	.2844	.3143	.3471	.4047	.4637	.5468	.7867	1.3932
RP25/A	.1509	.2219	.2642	.2898	.3177	.3351	.3683	.4045	.4657	.5416	.6355	.9091	1.5966
RP50/A	.1668	.2478	.2950	.3211	.3503	.3711	.4077	.4448	.5093	.5898	.6934	1.0042	1.8080
RP100/A	.1818	.2732	.3251	.3543	.3877	.4058	.4430	.4831	.5495	.6476	.7503	1.0747	1.7611
RP1000/A	.2297	.3545	.4205	.4547	.4964	.5145	.5569	.6015	.6713	.8077	.9246	1.3213	2.0668
RP10000/A	.2753	.4330	.5120	.5562	.6000	.6174	.6636	.7114	.7821	.9586	1.0841	1.5480	2.3377
PMP/A	.5415	.8225	1.0039	1.1074	1.2044	1.2895	1.4012	1.5423	1.7421	2.0800	2.4123	3.4208	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 070 897 0	STATION NAME BLUE CANYON AP		ELEV 8	SEC 5280	TEMP 02	RNG LOT 16N 11E P	BWM M	LATITUDE 39.279	LONGITUDE 120.708	COUNTY CO 31			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.38	6.38	7.72	8.70	9.70	10.65	12.12	13.37	15.91	17.65	21.16	30.76	66.82
5	5.85	8.81	10.79	12.14	13.45	14.68	16.63	18.25	21.50	24.22	28.65	41.38	76.75
10	6.79	10.43	12.00	14.35	15.87	17.22	19.44	21.23	24.79	28.23	33.14	47.74	85.78
25	7.67	11.96	14.69	16.41	18.11	19.57	21.99	23.92	27.70	31.05	37.15	53.43	93.61
26	7.95	12.44	15.28	17.05	18.81	20.29	22.78	24.74	28.38	32.95	38.38	55.17	95.96
40	8.09	13.44	16.49	17.36	19.15	21.16	24.39	26.42	30.37	35.22	40.87	58.70	100.68
50	8.77	13.90	17.06	18.98	20.92	22.47	25.14	27.20	31.19	36.26	42.62	60.33	102.83
100	9.57	15.32	18.79	20.84	22.95	24.57	27.40	29.54	33.65	39.42	45.46	65.21	109.22
200	10.35	16.72	20.49	22.65	24.93	26.60	29.59	31.80	36.00	42.45	48.77	69.09	115.24
1000	12.09	19.08	24.31	26.74	29.39	31.16	34.44	36.78	41.11	49.16	56.62	80.18	128.19
10000	14.49	24.28	29.60	32.36	35.52	37.38	41.04	43.51	47.90	58.21	65.73	93.94	144.98
PMP	26.51	46.13	58.04	65.13	71.29	76.87	86.66	94.32	109.75	126.60	146.17	207.94	332.74

MEAN	4.662	6.932	8.363	9.365	10.430	11.371	12.848	14.078	16.529	18.604	22.113	32.115	62.002
CLOCK MR. COR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.195	1.279	1.583	1.544	1.608	1.523	1.475	1.425	1.011	1.245	1.027	.700	.293
REGIONAL SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400

KURTOSIS	4.719	4.722	5.545	5.496	6.026	5.940	4.980	4.727	3.971	5.008	3.997	3.113	2.367
N	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD YEAR	1965	1965	1965	1965	1966	1966	1965	1965	1965	1965	1965	1966	1966
RECORD MAXIMUM	9.330	15.240	19.750	22.930	26.470	28.786	32.310	34.645	47.410	49.740	67.800	106.250	106.250
NORMALIZED MAX	2.305	2.926	2.973	3.100	3.182	3.009	3.340	3.181	2.946	3.429	2.628	2.715	2.185
CALC. COEF. VAR	.400	.410	.460	.468	.463	.451	.456	.446	.439	.452	.442	.409	.327
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291

MEAN/A	.0752	.1118	.1348	.1510	.1682	.1833	.2072	.2270	.2665	.3000	.3565	.5178	1.0000
RP10/A	.1295	.1802	.2084	.2314	.2559	.2777	.3131	.3423	.3996	.4551	.5343	.7697	.382
RP25/A	.1281	.2008	.2453	.2748	.3033	.3271	.3789	.4068	.4668	.5313	.6188	.8895	1.5472
RP50/A	.1414	.2241	.2751	.3060	.3373	.3623	.4054	.4386	.5029	.5847	.6775	.927	1.6580
RP100/A	.1543	.2471	.3030	.3360	.3701	.3961	.4418	.4764	.5426	.6350	.7331	1.0515	1.7611
RP1000/A	.1950	.3205	.3919	.4312	.4739	.5023	.5853	.6629	.7927	.9033	1.2928	2.0668	2.3377
RP10000/A	.2337	.3915	.4773	.5218	.5727	.6027	.6617	.7715	.7723	.9366	1.0598	1.5146	2.3377
PMP/A	.4597	.7438	.9358	1.0502	1.1494	1.2594	1.3973	1.5208	1.7696	2.0413	2.3567	3.3529	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 470 1912 0	STATION NAME COLFAX	ELEV 32	SEC 2418	TMP 03	RNG LOT 14N 09E A	BWM M	LATITUDE 39.099	LONGITUDE 120.952	COUNTY CO 31
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.79	5.32	6.32	7.10	7.73	8.41	9.39	10.37	12.30	13.63	16.38	23.99	46.45
5	5.06	7.34	8.83	9.91	10.72	11.58	12.83	14.15	16.62	18.69	22.17	32.28	58.87
10	5.88	8.69	10.48	11.72	12.65	13.59	15.00	16.46	19.16	21.79	25.65	37.24	85.80
20	6.64	9.96	12.02	13.39	14.44	15.44	16.97	18.54	21.41	24.58	28.76	41.68	71.90
25	6.88	10.36	12.50	13.92	14.99	16.01	17.58	19.18	22.10	25.44	29.71	43.04	73.60
40	7.00	11.19	13.50	14.17	15.27	17.10	18.82	20.48	23.48	27.19	31.63	45.79	77.22
50	7.59	11.58	13.97	15.49	16.67	17.73	19.40	21.09	24.11	27.99	32.52	47.06	78.87
100	8.29	12.77	15.38	17.01	18.30	19.38	21.14	22.90	26.02	30.43	35.19	50.87	83.77
200	8.96	13.93	16.77	18.50	19.88	20.90	22.83	24.65	27.83	32.77	37.75	54.52	86.39
1000	10.47	16.56	19.90	21.83	23.43	24.58	26.57	28.52	31.78	37.95	43.36	62.55	98.32
10000	12.55	20.23	24.23	26.42	28.32	29.49	31.67	33.73	37.03	44.93	50.88	73.28	111.20
PMP	24.68	38.43	47.51	53.17	56.82	60.65	66.87	73.12	84.05	97.72	113.14	192.22	295.21

MEAN	4.037	5.775	6.846	7.645	8.314	8.971	9.913	10.914	12.779	14.361	17.117	25.053	47.570
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.826	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821	1.821
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400

KURTOSIS	10.411	10.539	7.896	6.291	5.399	4.871	4.269	3.313	2.721	4.718	3.466	2.620	2.195
N	77	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1963	1963	1963	1963	1963	1963	1965	1965	1965	1965	1965	1911	1904
RECORD MAXIMUM	10.020	15.890	18.970	20.540	21.360	22.360	21.400	22.370	24.240	33.490	34.790	44.200	71.360
NORMALIZED MAX	4.087	4.521	4.975	4.006	3.776	3.392	2.974	2.656	2.444	3.540	2.885	2.230	1.812
CALC. COEF. VAR	.363	.387	.412	.421	.416	.407	.406	.395	.367	.376	.358	.342	.278
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291

MEAN/A	.0849	.1214	.1439	.1607	.1748	.1866	.2084	.2294	.2686	.3019	.3598	.5267	1.0000
RP10/A	.1307	.1827	.2143	.2463	.2659	.2857	.3153	.3459	.4028	.4580	.5392	.7829	1.3832
RP25/A	.1446	.2179	.2629	.2925	.3152	.3365	.3695	.4045	.4625	.5347	.6245	.9047	1.5472
RP50/A	.1597	.2434	.2936	.3258	.3505	.3727	.4078	.4433	.5069	.5885	.6837	.9893	1.6580
RP100/A	.1742	.2683	.3234	.3577	.3846	.4074	.4444	.4815	.5469	.6396	.7508	1.0896	1.7611
RP1000/A	.2187	.3482	.4183	.4589	.4967	.5167	.5586	.5984	.6862	.7977	.9116	1.3140	2.0668
RP10000/A	.2639	.4253	.5093	.5553	.5952	.6200	.6657	.7090	.7784	.9446	1.0695	1.5404	2.3377
PMP/A	.5189	.8079	.9987	1.1178	1.1945	1.2749	1.4056	1.5371	1.7837	2.0563	2.3784	3.4101	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
A70 2721 0	EL DORADO POWER HOUSE	1920	22	11N	12E	A	M	38.793	120.619	09			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.72	5.35	6.58	7.32	8.06	8.88	9.80	10.85	12.95	14.54	17.40	25.75	49.99
5	4.98	7.39	9.21	10.22	11.18	12.24	13.45	14.81	17.50	19.95	23.57	34.64	64.09
10	5.78	8.75	10.92	12.08	13.19	14.36	15.72	17.22	20.18	23.25	27.26	39.94	76.51
20	6.53	10.04	12.53	13.81	15.06	16.31	17.78	19.40	22.55	26.23	30.56	44.73	76.95
25	6.76	10.44	13.04	14.35	15.64	16.91	18.42	20.07	23.26	27.14	31.57	46.18	76.87
40	6.88	11.27	14.07	14.61	15.92	17.15	19.73	21.44	24.72	29.01	33.82	49.14	87.75
50	7.47	11.66	14.56	15.07	17.39	18.73	20.33	22.07	25.39	29.67	34.77	50.50	84.42
100	8.14	12.86	16.04	17.55	19.08	20.48	22.16	23.97	27.39	32.47	37.40	54.99	89.78
200	8.81	14.03	17.48	19.08	20.73	22.18	23.92	25.80	29.30	34.97	40.12	58.51	94.73
1000	10.29	16.68	20.74	22.51	24.43	25.97	27.85	29.84	33.47	40.49	46.09	67.12	105.36
10000	12.34	20.37	25.26	27.24	29.53	31.16	33.19	35.30	38.90	47.95	54.07	78.64	119.17
PMP	24.26	38.70	49.52	54.84	59.26	64.07	70.08	76.53	89.34	104.27	120.25	174.08	271.50
MEAN	3.968	5.816	7.136	7.884	8.670	9.478	10.389	11.422	13.455	15.323	18.192	26.884	50.978
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.186	.338	.470	.525	.543	.574	.641	.518	.556	.582	.589	.452	.104
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
KURTOSIS	2.261	2.293	2.773	2.774	2.668	3.342	3.151	2.984	2.604	3.183	2.764	2.820	2.043
N	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1960	1956	1956	1963	1963	1956	1956	1956	1956	1965	1956	1956	1951
RECORD MAXIMUM	5.300	9.100	13.280	14.410	15.330	19.430	20.570	21.880	23.800	29.160	33.380	46.880	72.390
NORMALIZED MAX	1.251	1.660	2.214	2.159	1.991	2.624	2.600	2.494	2.137	2.444	2.236	2.397	1.610
CALC. COEF. VAR	.341	.240	.380	.383	.386	.377	.367	.363	.370	.370	.373	.338	.291
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0778	.1141	.1400	.1547	.1701	.1859	.2038	.2241	.2639	.3006	.3569	.5274	1.0000
RP10/A	.1134	.1717	.2143	.2370	.2588	.2816	.3083	.3378	.3958	.4560	.5347	.7839	1.3832
RP25/A	.1325	.2044	.2587	.2815	.3068	.3318	.3612	.3937	.4564	.5324	.6193	.9059	1.5472
RP50/A	.1464	.2288	.2859	.3134	.3411	.3674	.3988	.4329	.4981	.5859	.6781	.9906	1.6580
RP100/A	.1598	.2522	.3146	.3442	.3743	.4017	.4346	.4702	.5374	.6369	.7337	1.0709	1.7611
RP1000/A	.2019	.3272	.4069	.4416	.4793	.5094	.5463	.5854	.6565	.7943	.9041	1.3166	2.0668
RP10000/A	.2420	.3996	.4954	.5344	.5793	.6112	.6510	.6924	.7668	.9405	1.0607	1.5425	2.3377
PMP/A	.4760	.7592	.9715	1.0757	1.1625	1.2569	1.3746	1.5012	1.7526	2.0455	2.3588	3.4147	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A70 4113 0			STATION NAME FOLSON		ELEV 55	SEC 252	TWP 35	RNG LOT 10N 07E	BWM M	LATITUDE 38.683	LONGITUDE 121.183	COUNTY 34	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.11	2.85	3.37	3.73	4.09	4.37	4.90	5.39	6.41	7.09	8.45	12.25	23.27
5	2.82	3.94	4.71	5.21	5.67	6.02	6.72	7.35	8.66	9.72	11.45	16.47	29.36
10	3.28	4.66	5.59	6.16	6.69	7.07	7.86	8.55	9.98	11.33	13.24	19.01	32.82
20	3.71	5.35	6.41	7.04	7.64	8.03	8.89	9.64	11.16	12.78	14.85	21.26	35.81
25	3.84	5.56	6.67	7.32	7.93	8.33	9.21	9.97	11.51	13.23	15.33	21.97	36.71
40	3.90	6.01	7.20	7.45	8.08	8.49	9.86	10.65	12.23	14.14	16.33	23.37	38.52
50	4.24	6.21	7.45	8.15	8.82	9.22	10.16	10.96	12.56	14.56	16.79	24.02	39.34
100	4.62	6.85	8.20	8.95	9.68	10.08	11.08	11.90	13.55	15.82	18.17	25.97	41.79
200	5.00	7.47	8.94	9.73	10.52	10.92	11.96	12.81	14.56	17.04	19.49	27.83	44.09
1000	5.84	8.89	10.61	11.48	12.40	12.76	13.92	14.82	16.56	19.73	22.39	31.92	49.04
10000	7.00	10.86	12.92	13.89	14.98	15.34	16.59	17.53	19.29	23.37	26.26	37.40	55.47
PMP	13.77	20.62	25.33	27.96	30.07	31.54	35.03	38.00	44.20	50.82	58.41	82.80	127.30
MEAN	2.251	3.099	3.650	4.021	4.399	4.666	5.194	5.672	6.657	7.467	8.836	12.787	23.727
CLOCK NR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.070	1.438	1.521	1.188	.883	.753	.559	.390	.598	1.117	.963	.702	.234
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
KURTOSIS	5.112	6.697	7.127	5.554	4.073	3.561	2.954	2.715	3.600	6.266	5.040	4.281	2.181
N	74	74	74	74	74	74	74	74	74	74	74	74	74
RECORD YEAR	1963	1963	1963	1963	1963	1963	1911	1911	1911	1911	1911	1911	1907
RECORD MAXIMUM	4.160	7.270	9.130	9.770	9.770	9.770	9.880	10.940	14.880	19.920	22.040	30.430	39.650
NORMALIZED MAX	2.608	3.732	3.990	3.697	3.262	2.928	2.473	2.526	3.291	4.268	3.952	3.641	2.326
CALC. COEF. VAR	.315	.361	.376	.387	.374	.374	.365	.368	.372	.391	.378	.379	.289
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0949	.1306	.1538	.1694	.1854	.1966	.2189	.2391	.2806	.3147	.3724	.5389	1.0000
RP10/A	.1383	.1965	.2355	.2597	.2821	.2978	.3312	.3605	.4207	.4775	.5580	.8011	1.3832
RP25/A	.1617	.2344	.2810	.3084	.3344	.3509	.3881	.4201	.4851	.5575	.6463	.9258	1.5472
RP50/A	.1785	.2619	.3138	.3433	.3718	.3886	.4284	.4619	.5294	.6135	.7076	1.0123	1.6580
RP100/A	.1948	.2887	.3457	.3771	.4080	.4249	.4669	.5017	.5712	.6668	.7656	1.0943	1.7611
RP1000/A	.2461	.3746	.4471	.4838	.5225	.5388	.5868	.6246	.6979	.8317	.9435	1.3455	2.0668
RP10000/A	.2950	.4575	.5445	.5855	.6315	.6464	.6992	.7388	.8130	.9847	1.1069	1.5763	2.3377
PMP/A	.5802	.8691	1.0676	1.1785	1.2673	1.3293	1.4766	1.6017	1.8629	2.1417	2.4615	3.4895	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
A70 3134 0	FOREST HILL RS	58	3190	35	14N	10E	C M	39.021	120.825	31
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	4.20	5.85	6.93	7.75	8.57	9.30	10.53	11.72	13.93	15.34
5	5.62	8.08	9.89	10.81	11.88	12.81	14.45	15.99	18.68	21.04
10	6.53	9.57	11.50	12.78	14.02	15.03	16.88	18.80	21.54	24.52
20	7.37	10.97	13.20	14.61	16.00	17.07	19.10	20.96	24.07	27.67
25	7.43	11.61	13.73	15.18	16.57	17.70	19.79	21.60	24.83	28.63
40	7.76	12.32	14.82	15.46	16.92	19.00	21.19	23.15	26.39	30.60
50	8.42	12.75	15.33	16.90	18.48	19.61	21.84	23.84	27.11	31.51
100	9.19	14.06	16.89	18.56	20.28	21.44	23.80	25.89	29.24	34.25
200	9.94	15.34	18.41	20.18	21.88	23.21	25.70	27.88	31.28	36.89
1000	11.61	18.24	21.84	23.62	25.96	27.18	29.92	32.23	36.73	42.72
10000	13.92	22.27	26.40	28.82	31.38	32.62	35.65	38.12	41.62	50.58
PMP	27.38	42.31	52.15	58.01	62.97	67.07	75.27	82.65	95.38	110.00

MEAN	4.478	6.358	7.514	8.341	9.213	9.922	11.156	12.335	14.364	16.165
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	4.11	1.232	1.942	1.821	1.443	1.381	1.241	1.137	1.121	1.231
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
KURTOSIS	4.476	4.078	5.129	5.318	4.915	4.735	4.397	4.061	3.946	5.285
N	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1965	1965	1963	1963	1965	1956	1965	1965	1965	1956
RECORD MAXIMUM	8.070	11.670	18.310	18.640	18.930	19.370	23.460	25.270	30.560	36.570
NORMALIZED MAX	2.200	2.129	2.709	2.752	2.901	2.450	2.746	2.701	2.755	3.197
CALC. COEF. VAR	.365	.392	.432	.449	.422	.413	.401	.391	.349	.383
REBN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387

MEAN/A	.0848	.1205	.1424	.1580	.1745	.1880	.2114	.2337	.2721	.3082
RP10/A	.1256	.1813	.2178	.2474	.2759	.2887	.3194	.3524	.4081	.4645
RP25/A	.1446	.2182	.2600	.2876	.3148	.3354	.3749	.4107	.4705	.5424
RP50/A	.1596	.2415	.2904	.3202	.3500	.3714	.4137	.4516	.5135	.5866
RP100/A	.1741	.2683	.3199	.3517	.3841	.4061	.4509	.4905	.5540	.6489
RP1000/A	.2200	.3455	.4138	.4512	.4919	.5150	.5667	.6105	.6788	.7915
RP10000/A	.2637	.4220	.5039	.5460	.5945	.6179	.6753	.7223	.7885	.9141
PMP/A	.5188	.8816	.9880	1.0991	1.1930	1.2706	1.4260	1.5658	1.8669	2.0839

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
A70 3381 0	GEORGETOWN	60	2720	11	12N	10E	D M	38.909	120.834	09
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	3.97	5.78	6.85	7.69	8.30	9.03	9.98	11.03	13.03	14.75
5	5.30	7.98	9.58	10.73	11.51	12.44	13.69	15.06	17.60	20.23
10	6.18	9.45	11.37	12.69	13.58	14.40	16.00	17.52	20.29	23.58
20	6.96	10.84	13.04	14.51	15.50	16.59	18.11	19.74	22.68	26.06
25	7.21	11.27	13.56	15.07	16.09	17.20	18.75	20.42	23.40	27.53
40	7.33	12.17	14.64	15.35	16.38	18.46	20.08	21.80	24.87	29.42
50	7.95	12.59	15.15	16.78	17.89	19.05	20.70	22.45	25.59	30.29
100	8.88	13.88	16.80	18.43	19.63	20.83	22.56	24.38	27.55	32.93
200	9.38	15.15	18.19	20.04	21.33	22.55	24.35	26.24	29.47	35.46
1000	10.96	18.01	21.58	23.85	25.14	26.41	28.35	30.35	34.67	41.07
10000	13.14	22.00	26.28	28.62	30.39	31.69	33.78	35.90	42.82	48.62
PMP	25.85	41.79	51.53	57.66	60.98	65.17	71.34	77.83	89.87	105.75

MEAN	4.227	6.280	7.425	8.282	8.922	9.640	10.577	11.617	13.534	15.540
CLOCK MR. COR.	1.070	1.040	1.010	1.010	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.947	.966	1.113	1.351	1.193	1.069	1.090	1.013	1.013	1.218
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
KURTOSIS	2.859	2.960	3.607	4.580	3.992	3.473	3.503	3.440	3.592	4.353
N	49	49	49	49	49	49	49	49	49	49
RECORD YEAR	1963	1909	1909	1951	1951	1951	1909	1909	1911	1911
RECORD MAXIMUM	6.600	11.610	15.730	19.230	20.410	21.290	22.920	25.210	30.880	35.860
NORMALIZED MAX	1.012	2.172	2.484	2.829	2.859	2.567	2.861	2.933	2.905	2.843
CALC. COEF. VAR	.348	.371	.450	.489	.488	.486	.455	.440	.437	.450
REBN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387

MEAN/A	.0843	.1252	.1481	.1682	.1779	.1923	.2109	.2317	.2699	.3099
RP10/A	.1229	.1885	.2267	.2531	.2708	.2912	.3191	.3493	.4048	.4702
RP25/A	.1437	.2248	.2705	.3003	.3269	.3431	.3740	.4072	.4667	.5490
RP50/A	.1586	.2512	.3021	.3319	.3569	.3789	.4128	.4476	.5094	.5941
RP100/A	.1730	.2769	.3328	.3627	.3916	.4154	.4499	.4862	.5495	.6587
RP1000/A	.2187	.3592	.4304	.4710	.5014	.5288	.5654	.6054	.6714	.8190
RP10000/A	.2821	.4388	.5241	.5767	.6080	.6320	.6738	.7160	.7822	.9888
PMP/A	.5155	.8335	1.0277	1.1408	1.2162	1.2997	1.4228	1.5523	1.7923	2.1099

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE H IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. R5N ORDER SUB A70 3384 0	STATION NAME GEORGETOWN RS	ELEV 61	SEC 3001	TWP 06 12N	RNS 11E 8	LOT M	BWM	LATITUDE 38.925	LONGITUDE 120.748	COUNTY CODE 09		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600
2	4.45	6.10	7.35	8.19	9.15	9.84	11.14	12.48	14.53	16.35	19.66	28.01
5	5.94	8.43	10.28	11.42	12.69	13.55	15.29	16.93	19.63	22.43	26.95	37.69
10	6.91	9.98	12.19	13.51	14.97	15.91	17.87	19.69	22.63	26.14	30.79	43.68
20	7.80	11.44	13.99	15.44	17.08	18.07	20.22	22.18	25.29	29.50	34.52	48.48
25	8.08	11.90	14.55	16.04	17.74	18.74	20.94	22.95	26.10	30.52	35.68	50.25
40	8.21	12.85	15.71	16.39	18.06	19.11	22.42	24.51	27.73	32.42	37.97	53.46
50	8.92	13.30	16.25	17.06	19.73	20.75	23.11	25.23	28.48	33.59	39.04	54.95
100	9.73	14.66	17.90	19.62	21.65	22.69	25.19	27.40	30.73	36.51	42.24	59.40
200	10.52	15.99	19.51	21.33	23.52	24.57	27.19	29.44	32.87	39.32	45.31	63.66
1200	12.09	19.02	23.15	25.17	27.72	28.77	31.88	34.12	37.54	45.54	53.97	77.00
10000	14.74	23.23	28.19	36.46	33.50	34.52	37.72	40.36	43.74	53.92	61.07	85.56
PMP	28.98	44.12	55.27	61.31	67.23	70.98	79.65	87.49	100.23	117.26	135.81	199.40
MEAN	4.740	6.630	7.965	8.815	9.837	10.501	11.809	13.058	15.094	17.231	20.547	29.251
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.230	1.321	1.440	1.485	1.505	1.535	1.574	1.614	1.787	1.820	1.750	1.750
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	4.337	3.830	4.156	4.671	3.735	3.951	3.380	3.179	2.975	3.964	3.081	2.730
N	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1965	1965	1965	1951	1951	1956	1965	1956	1965	1965	1965	1966
RECORD MAXIMUM	7.919	12.390	16.050	19.230	20.610	21.480	23.500	25.620	29.590	37.480	39.240	52.040
NORMALIZED MAX	1.996	2.436	2.940	3.240	3.499	3.626	4.215	4.588	5.288	5.766	5.807	7.000
CALC. COEF. VAR	.335	.427	.474	.507	.474	.462	.447	.433	.402	.425	.401	.350
RECN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365
MEAN/A	.0860	.1203	.1445	.1600	.1785	.1906	.2143	.2370	.2739	.3127	.3729	.5309
RP10/A	.1254	.1811	.2213	.2451	.2716	.2897	.3242	.3573	.4168	.4745	.5539	.7891
RP25/A	.1466	.2100	.2512	.2820	.3065	.3245	.3685	.4165	.4737	.5539	.6472	.9119
RP50/A	.1618	.2413	.2949	.3241	.3580	.3766	.4194	.4579	.5170	.6096	.7085	.9772
RP100/A	.1766	.2660	.3248	.3560	.3929	.4118	.4571	.4973	.5577	.6626	.7667	1.0780
RP1000/A	.2231	.3451	.4202	.4568	.5031	.5222	.5745	.6192	.6814	.8264	.9417	1.3254
RP10000/A	.2674	.4215	.5116	.5528	.6080	.6285	.6866	.7324	.7938	.9785	1.1084	1.5528
PMP/A	.5260	.8008	1.0032	1.1127	1.2202	1.2883	1.4456	1.5878	1.8190	2.1281	2.4668	3.4374

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. R5N ORDER SUB A70 4288 0	STATION NAME IDWA HILL	ELEV 76	SEC 2840	TWP 03	RNG LOT 14N 10E	BWM M	LATITUDE 39.089	LONGITUDE 120.839	COUNTY CODE 31			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	360	600
2	3.70	5.21	6.30	7.20	7.98	8.68	9.92	11.21	13.11	14.75	17.49	25.97
5	4.94	7.19	8.81	10.05	11.07	11.96	13.61	15.30	17.72	20.23	23.64	34.94
10	5.74	8.51	10.45	11.89	13.06	14.03	15.91	17.80	20.43	23.58	27.42	40.32
20	6.48	9.76	11.99	13.59	14.91	15.94	18.00	20.05	22.63	26.40	30.72	45.12
25	6.71	10.15	12.47	14.12	15.48	16.53	18.64	20.75	23.56	27.53	31.73	46.59
40	6.83	10.97	13.47	14.38	15.76	17.74	19.96	22.16	25.03	29.42	33.77	49.57
50	7.11	11.34	13.93	15.72	17.21	18.30	20.57	22.81	25.71	30.30	34.74	51.94
100	8.09	12.51	15.35	17.26	18.69	20.01	22.42	24.77	27.74	32.93	37.59	55.07
200	8.74	13.64	16.73	18.77	20.52	21.87	24.21	26.67	29.67	35.48	40.32	59.02
1000	10.22	16.23	19.85	22.15	24.19	25.38	28.19	30.85	33.89	41.07	46.32	67.71
10000	19.62	24.17	26.81	29.24	30.45	30.45	33.58	36.48	39.48	46.63	53.11	77.04
PMP	24.69	37.65	47.40	53.95	58.67	62.61	70.92	79.10	90.48	105.76	120.86	175.61
MEAN	3.939	5.657	6.829	7.758	8.584	9.261	10.514	11.805	13.623	15.542	18.285	27.121
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.425	1.366	1.376	1.320	1.312	1.313	1.286	1.260	1.260	1.260	.980	.806
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	.800	.800	.800	.700	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.800	.800	.800	.800	.700	.700
KURTOSIS	5.472	5.633	5.185	5.220	5.383	5.294	4.498	3.746	3.170	4.424	3.483	2.429
N	44	44	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	7.160	11.830	14.860	17.320	19.320	20.570	23.170	25.200	27.180	35.500	37.020	46.500
NORMALIZED MAX	2.660	3.100	3.069	3.174	3.000	3.139	2.969	2.835	2.626	3.206	2.626	2.184
CALC. COEF. VAR	.309	.352	.383	.388	.379	.389	.405	.400	.379	.401	.363	.327
RECN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365
MEAN/A	.0752	.1080	.1303	.1480	.1638	.1767	.2006	.2253	.2609	.2966	.3489	.5175
RP10/A	.1095	.1625	.1995	.2268	.2492	.2677	.3035	.3397	.3898	.4499	.5228	.7493
RP25/A	.1281	.1938	.2380	.2694	.2954	.3154	.3557	.3959	.4495	.5253	.6055	.8890
RP50/A	.1414	.2105	.2650	.2999	.3285	.3492	.3926	.4353	.4966	.5781	.6630	.9721
RP100/A	.1543	.2386	.2928	.3329	.3629	.3849	.4329	.4728	.5293	.6284	.7174	1.0509
RP1000/A	.1950	.3096	.3788	.4227	.4616	.4842	.5378	.5886	.6666	.7837	.8840	1.2920
RP10000/A	.2337	.3782	.4612	.5115	.5579	.5810	.6469	.6962	.7533	.9206	1.0371	1.5137
PMP/A	.4597	.7184	.9044	1.0296	1.1196	1.1947	1.3933	1.5093	1.7261	2.0181	2.3063	3.3509

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB A70 4616 0	STATION NAME KYBURZ-STRAWBERRY		ELEV 5700	SEC 18	TWP 11N	RNG LOT 17E P	BWM M	LATITUDE 38.795	LONGITUDE 120.146	COUNTY CODE 09			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.53	4.99	5.51	6.11	6.42	6.89	7.90	8.58	10.29	12.08	14.28	19.99	39.75
5	5.06	6.89	7.70	8.52	8.91	9.50	10.85	11.71	13.90	16.47	19.34	26.89	50.16
10	7.04	8.16	9.14	10.08	10.50	11.15	12.67	13.63	16.03	19.19	22.37	31.03	56.06
20	7.95	9.35	10.40	11.52	11.99	12.66	14.34	15.35	17.91	21.66	25.09	34.73	61.18
25	8.23	9.73	10.70	11.97	12.45	13.13	14.85	15.88	18.48	22.41	25.91	35.86	62.71
40	8.37	10.51	11.77	12.19	12.68	13.37	15.09	16.96	19.64	23.95	27.59	38.19	65.80
50	9.08	10.87	12.18	13.32	13.85	14.54	16.39	17.46	20.17	24.66	28.37	39.21	67.21
100	9.91	11.98	13.41	14.63	15.19	15.90	17.87	18.96	21.76	26.80	30.69	42.39	71.30
200	10.72	13.07	14.62	15.91	16.50	17.22	19.29	20.41	23.27	28.87	32.92	45.73	75.32
1000	12.52	15.55	17.35	18.78	19.45	20.16	22.46	23.61	26.58	33.43	37.82	52.11	83.78
10000	15.01	18.99	21.12	22.72	23.51	24.19	26.76	27.93	30.97	39.58	44.37	61.06	94.75
PMP	29.53	36.07	41.42	45.73	47.19	49.74	56.51	60.54	70.96	86.09	98.68	135.16	217.46
MEAN	4.829	5.421	5.968	6.575	6.904	7.358	8.378	9.037	10.607	12.651	14.928	20.874	40.533
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.972	.704	.624	.578	.546	.516	.466	.473	.652	.564	.623	.626	-0.125
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	4.943	3.182	2.767	2.552	3.070	3.466	3.225	3.087	3.502	3.133	3.445	3.283	2.995
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1962	1963	1962	1951	1951	1965	1965	1965	1965	1951	1951	1951	1969
RECORD MAXIMUM	9.300	10.300	10.970	12.400	13.710	15.470	17.810	18.310	21.750	23.220	26.400	36.890	63.600
NORMALIZED MAX	2.251	1.995	1.747	1.814	2.073	2.325	2.267	2.267	2.396	2.024	2.298	2.082	1.484
CALC. COEF. VAR	.411	.451	.480	.488	.476	.474	.485	.453	.439	.413	.393	.369	.330
RECN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1191	.1337	.1472	.1622	.1703	.1815	.2067	.2229	.2637	.3121	.3683	.5150	1.0000
RP10/A	.1736	.2012	.2254	.2466	.2592	.2750	.3127	.3362	.3954	.4735	.5519	.7655	1.3932
RP25/A	.2031	.2400	.2693	.3072	.3219	.3391	.3878	.4159	.4559	.5282	.6032	.8087	1.5472
RP50/A	.2241	.2682	.3004	.3287	.3416	.3587	.4044	.4307	.4676	.5368	.6096	.8174	1.6580
RP100/A	.2445	.2956	.3309	.3610	.3748	.3922	.4408	.4679	.5368	.6113	.7572	1.0457	1.7611
RP1000/A	.3080	.3836	.4280	.4632	.4774	.4974	.5541	.5825	.6588	.8248	.9331	1.2857	2.0668
RP10000/A	.3704	.4685	.5211	.5645	.5801	.5980	.6662	.6890	.7766	1.0947	1.5063	2.3377	
PMP/A	.7285	.8900	1.0219	1.1283	1.1641	1.2271	1.3941	1.4937	1.7508	2.1239	2.4344	3.3346	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER A70 5909 0	STATION NAME MOUNT DANNAHER	ELEV 96	SEC 3408	TWP 05	RNG LOT 10N 12E R	BWM M	LATITUDE 38.744	LONGITUDE 120.667	COUNTY CODE 09				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.39	4.74	5.75	6.40	6.97	7.64	8.62	9.74	11.43	12.87	15.67	22.31	42.93
5	4.53	6.54	8.04	8.93	9.67	10.52	11.62	13.29	15.44	17.66	21.22	30.01	54.10
10	5.26	7.74	9.54	10.56	11.41	12.34	13.62	15.45	17.81	20.58	24.54	34.63	60.55
20	5.94	8.68	10.94	12.08	13.02	14.02	15.43	17.41	19.90	23.22	27.52	39.76	66.08
25	6.15	9.23	11.38	12.55	13.52	14.54	16.19	18.01	20.53	24.03	28.42	40.02	67.73
40	6.26	9.97	12.29	12.78	13.77	15.11	17.34	19.24	21.82	25.68	30.27	42.58	71.07
50	6.79	10.31	12.71	13.97	15.04	16.10	17.87	19.80	22.41	26.44	31.12	43.76	72.55
100	7.41	11.37	14.00	15.34	16.58	17.61	19.48	21.51	24.18	28.74	33.87	47.30	77.10
200	8.01	12.41	15.26	16.68	17.93	19.07	21.03	23.15	25.88	30.96	36.12	50.70	81.38
1000	9.37	14.78	18.11	19.68	21.13	22.33	24.48	26.78	29.53	33.85	41.49	58.16	90.48
10000	11.23	18.02	22.05	23.82	25.54	26.79	29.17	31.67	34.41	42.45	48.68	68.14	102.34
PMP	22.08	34.23	43.24	47.94	51.25	55.09	61.60	68.67	78.94	92.31	108.20	150.84	234.87
MEAN	3.611	5.144	6.230	6.693	7.498	8.149	9.133	10.249	11.874	13.565	16.377	23.295	43.779
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.736	.707	1.041	1.024	.958	1.033	.794	.654	.603	.904	.721	.697	.275
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.071	2.864	3.480	3.164	3.229	3.674	3.093	2.899	2.991	3.636	3.056	3.126	1.894
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1963	1963	1956	1963	1956	1956	1956	1956	1956	1956	1956	1956	1951
RECORD MAXIMUM	5.630	8.290	12.150	12.970	14.030	16.930	18.110	19.620	21.300	27.090	29.290	41.120	64.390
NORMALIZED MAX	1.569	1.688	2.167	1.923	1.959	2.404	2.201	2.103	2.665	2.404	2.086	2.271	1.777
CALC. COEF. VAR	.356	.362	.439	.358	.445	.440	.431	.419	.384	.398	.378	.334	.265
REBN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0829	.1175	.1423	.1575	.1713	.1861	.2086	.2341	.2712	.3099	.3741	.5321	1.0000
RP10/A	.1202	.1768	.2170	.2413	.2606	.2819	.3156	.3530	.4067	.4701	.5606	.7910	1.2832
RP25/A	.1406	.2109	.2600	.2866	.3089	.3321	.3699	.4114	.4690	.5489	.6492	.9141	1.5472
RP50/A	.1552	.2356	.2903	.3190	.3435	.3670	.4062	.4523	.5118	.6040	.7100	.9996	1.6580
RP100/A	.1693	.2597	.3198	.3504	.3769	.4022	.4449	.4913	.5522	.6565	.7692	1.0805	1.7611
RP1000/A	.2109	.3370	.4136	.4496	.4827	.5100	.5592	.6117	.6746	.8108	.9478	1.3285	2.0668
RP10000/A	.2564	.4116	.5037	.5441	.5834	.6119	.6664	.7235	.7860	.9696	1.1120	1.5564	2.3377
PMP/A	.5044	.7819	.9876	1.0951	1.1707	1.2503	1.4072	1.5686	1.8010	2.1086	2.4728	3.4455	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 470 6597 0	STATION NAME PACIFIC HOUSE	ELEV 108	SEC 3440	TWP 34	RND LOT 11N 13E	BWM M	LATITUDE 38-750	LONGITUDE 120-500	COUNTY CODE 09				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.10	5.67	6.70	7.37	8.06	8.72	10.00	11.16	12.86	14.43	17.30	25.55	50.39
5	5.48	7.82	9.37	10.29	11.18	12.02	13.72	15.24	17.37	19.79	23.43	34.37	83.59
10	6.37	9.26	11.11	12.17	13.18	14.10	16.03	17.72	20.03	23.07	27.10	39.66	71.08
20	7.19	10.62	12.75	13.91	15.05	16.02	18.14	19.97	22.38	26.03	30.38	44.39	77.56
25	7.45	11.04	13.26	14.45	15.63	16.61	18.79	20.66	23.10	26.93	31.38	45.83	79.51
40	7.58	11.93	14.32	14.72	15.91	17.83	20.12	22.06	24.54	28.78	33.42	48.78	83.42
50	8.22	12.34	14.81	15.09	16.40	18.40	20.74	22.71	25.21	29.68	34.38	50.12	89.20
100	8.97	13.60	16.31	17.67	19.07	20.12	22.60	24.67	27.20	32.22	37.18	54.08	90.50
200	9.70	14.84	17.78	19.21	20.71	21.78	24.40	26.55	29.09	34.70	39.08	58.06	95.49
1000	11.34	17.65	21.10	22.67	24.42	25.51	28.41	30.71	33.23	40.18	45.81	66.01	106.21
10000	13.59	21.56	25.70	27.43	29.51	30.61	33.95	36.33	38.71	47.58	53.75	78.04	120.13
PMP	26.73	40.95	50.38	55.22	59.22	62.94	71.47	78.75	88.70	103.47	119.53	172.75	275.69
MEAN	4.371	6.154	7.260	7.939	8.664	9.311	10.597	11.754	13.358	15.205	18.084	26.679	51.387
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.307	1.065	1.200	1.212	1.204	1.195	1.206	1.111	.932	1.223	1.104	.714	.270
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
KURTOSIS	4.176	3.257	3.702	4.001	4.114	4.351	4.779	4.197	4.198	4.932	4.070	3.373	2.022
N	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1963	1963	1956	1951	1951	1956	1965	1965	1965	1965	1965	1956	1951
RECORD MAXIMUM	7.950	10.870	14.740	17.300	18.370	19.510	20.800	23.620	27.740	33.750	36.270	47.804	76.950
NORMALIZED MAX	2.041	1.845	2.239	2.588	2.517	2.574	2.425	2.564	2.619	3.054	2.629	2.392	1.925
CALC. COEF. VAR	.415	.415	.480	.456	.445	.424	.384	.384	.384	.384	.384	.384	.384
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0851	.1198	.1413	.1545	.1686	.1812	.2062	.2287	.2599	.2959	.3519	.5192	1.0000
RP10/A	.1240	.1802	.2163	.2367	.2566	.2745	.3120	.3449	.3898	.4489	.5273	.7718	1.3832
RP25/A	.1450	.2149	.2581	.2812	.3041	.3233	.3656	.4020	.4495	.5241	.6107	.8810	1.5472
RP50/A	.1600	.2401	.2882	.3130	.3381	.3581	.4035	.4419	.4905	.5768	.6687	.9753	1.6580
RP100/A	.1746	.2647	.3175	.3438	.3711	.3915	.4398	.4800	.5292	.6269	.7235	1.0543	1.7611
RP1000/A	.2206	.3435	.4107	.4412	.4751	.4965	.5528	.5977	.6466	.7819	.8916	1.2962	2.0668
RP10000/A	.2845	.4195	.5000	.5339	.5743	.5957	.6587	.7059	.7533	.9258	1.0480	1.5186	2.3377
PMP/A	.5201	.7970	.9805	1.0746	1.1524	1.2249	1.3909	1.5325	1.7260	2.0135	2.3261	3.3617	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 470 6960 0	STATION NAME PLACERVILLE	ELEV 418	SEC 1890	TWP 07	RND LOT 10N 11E	BWM R	LATITUDE 38-730	LONGITUDE 120-797	COUNTY CODE 09				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.02	4.14	4.97	5.62	6.15	6.66	7.39	8.26	9.96	11.08	13.38	19.56	37.90
5	4.04	5.71	6.95	7.84	8.53	9.17	10.15	11.27	13.45	15.20	18.12	26.31	47.84
10	4.69	6.76	8.24	9.27	10.06	10.76	11.86	13.11	15.51	17.71	20.96	30.36	53.46
20	5.30	7.76	9.46	10.60	11.48	12.22	13.42	14.77	17.33	19.99	23.50	33.90	58.34
25	5.49	8.07	9.83	11.01	11.92	12.60	13.90	15.28	17.88	20.68	24.27	35.09	59.80
40	5.58	8.71	10.62	11.21	12.14	13.01	14.40	16.32	19.00	22.10	25.85	37.33	62.75
50	6.06	9.01	10.98	12.26	13.26	14.04	15.34	16.80	19.52	22.76	26.57	38.37	64.09
100	6.61	9.94	12.10	13.46	14.55	15.35	16.72	18.25	21.06	24.74	28.75	41.48	88.07
200	7.15	10.84	13.19	14.84	15.80	16.62	18.05	19.84	22.53	26.84	30.84	44.45	71.92
1000	8.35	12.89	15.85	17.28	18.63	19.47	21.01	22.72	25.73	30.85	35.43	50.09	79.89
10000	10.91	15.75	19.06	20.91	22.52	23.36	25.04	26.88	29.67	36.53	41.37	59.74	90.36
PMP	19.70	29.91	37.36	42.08	45.18	48.03	52.87	58.27	68.68	79.45	92.44	132.25	207.37
MEAN	3.221	4.495	5.384	6.050	6.611	7.104	7.839	8.697	10.344	11.676	13.985	20.425	39.652
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.692	.706	.738	.811	.859	.828	.869	.869	.853	.793	.688	.476	1.183
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.400
KURTOSIS	4.016	3.054	3.064	3.359	3.017	3.130	3.290	2.964	2.722	3.975	3.519	2.905	2.675
N	78	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1907	1956	1956	1951	1981	1956	1956	1956	1956	1911	1911	1911	1908
RECORD MAXIMUM	5.280	7.610	10.410	11.730	12.750	14.270	16.270	18.900	19.160	25.860	30.240	41.680	66.870
NORMALIZED MAX	2.530	2.130	2.549	2.589	2.630	2.613	3.003	2.997	2.411	3.285	3.173	2.951	2.804
CALC. COEF. VAR	.253	.325	.366	.363	.353	.359	.358	.363	.353	.370	.366	.353	.279
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0833	.1163	.1393	.1565	.1710	.1838	.2028	.2250	.2676	.3021	.3618	.5284	1.0000
RP10/A	.1214	.1750	.2132	.2399	.2602	.2768	.3066	.3393	.4013	.4583	.5422	.7855	1.3932
RP25/A	.1420	.2087	.2544	.2849	.3085	.3280	.3596	.3956	.4627	.5351	.6279	.9077	1.5472
RP50/A	.1568	.2332	.2842	.3172	.3430	.3632	.3968	.4347	.5050	.5888	.6875	.9926	1.6580
RP100/A	.1710	.2571	.3130	.3463	.3764	.3971	.4325	.4722	.5448	.6400	.7439	1.0730	1.7611
RP1000/A	.2161	.3335	.4049	.4470	.4820	.5036	.5436	.5876	.6656	.7817	.9137	1.3193	2.0668
RP10000/A	.2591	.4074	.4930	.5469	.5825	.6042	.6470	.6954	.7755	.9482	1.0755	1.5456	2.3377
PMP/A	.5096	.7739	.9667	1.0887	1.1690	1.2425	1.3679	1.5075	1.7769	2.0558	2.3916	3.4216	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 470 7370 0	STATION NAME REPRESA	ELEV 122	SEC 295	TWP 25	RNG LOT 10N 07E F	BWM M	LATITUDE 38.693	LONGITUDE 121.161	COUNTY CODE 34				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.14	2.63	3.26	3.64	3.95	4.23	4.68	5.14	6.17	6.83	8.17	11.74	22.20
5	2.86	3.91	4.56	5.07	5.48	5.82	6.42	7.01	8.34	9.37	11.06	15.80	28.02
10	3.32	4.63	5.41	6.00	6.47	6.83	7.50	8.16	9.61	10.92	12.79	18.23	31.32
20	3.75	5.31	6.21	6.86	7.38	7.76	8.49	9.19	10.74	12.32	14.34	20.40	34.18
25	3.89	5.52	6.46	7.12	7.67	8.05	8.80	9.51	11.08	12.74	14.81	21.06	35.03
40	3.95	5.96	6.97	7.66	8.21	8.64	9.42	10.15	11.78	13.62	15.77	22.41	36.76
50	4.29	6.17	7.21	7.93	8.53	8.99	9.78	10.45	12.10	14.02	16.22	23.03	37.84
100	4.68	6.80	7.94	8.71	9.36	9.74	10.58	11.35	13.05	15.24	17.55	24.90	39.87
200	5.06	7.42	8.66	9.47	10.17	10.55	11.42	12.22	13.96	16.42	18.82	26.69	42.07
1000	5.92	8.82	10.27	11.18	11.98	12.35	13.30	14.13	15.94	19.01	21.62	30.61	46.80
10000	7.09	10.77	12.51	13.82	14.88	15.42	16.45	16.72	18.57	22.57	25.37	35.87	52.93
PMP	13.95	20.47	24.53	27.23	29.06	30.48	33.46	36.24	42.56	48.96	56.42	79.40	121.47
MEAN	2.281	3.076	3.535	3.914	4.252	4.509	4.961	5.409	6.410	7.195	8.535	12.263	22.642
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.320	1.651	1.514	1.363	1.038	.794	.443	.329	.612	1.424	1.170	.902	.492
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	5.677	6.811	6.045	5.626	4.426	3.625	2.872	2.641	3.755	7.739	5.477	4.082	2.957
N	74	74	74	74	74	74	74	74	74	74	74	74	74
RECORD YEAR	1963	1963	1963	1911	1911	1911	1911	1911	1911	1911	1911	1911	1907
RECORD MAXIMUM	4.540	7.310	8.330	9.040	9.490	9.490	9.970	10.850	14.490	19.870	21.130	26.900	43.120
NORMALIZED MAX	3.029	3.599	3.444	3.343	3.255	3.013	2.904	2.857	3.431	4.542	3.923	3.133	3.121
CALC. COEF. VAR	.327	.383	.394	.381	.378	.367	.348	.352	.367	.388	.376	.358	.290
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1007	.1358	.1561	.1729	.1878	.1991	.2191	.2389	.2631	.3178	.3770	.5416	1.0000
RP10/A	.1468	.2044	.2267	.2649	.2857	.3017	.3315	.3602	.4245	.5649	.6851	1.3832	
RP25/A	.1717	.2438	.2852	.3167	.3363	.3513	.3815	.4195	.5027	.6507	.7923	1.5478	
RP50/A	.1895	.2724	.3185	.3503	.3766	.3935	.4287	.4616	.5342	.6194	.7162	1.0174	1.6580
RP100/A	.2068	.3003	.3508	.3847	.4133	.4303	.4673	.5013	.5764	.6733	.7750	1.0998	1.7611
RP1000/A	.2613	.3896	.4538	.4936	.5292	.5457	.5873	.6242	.7042	.8397	.9550	1.3521	2.0668
RP10000/A	.3132	.4759	.5525	.5974	.6366	.6547	.6999	.7383	.8203	.9943	1.1265	1.5841	2.3377
PMP/A	.6180	.9040	1.0834	1.2024	1.2836	1.3462	1.4779	1.6006	1.8798	2.1623	2.4916	3.5068	5.3550

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 470 9105 0	STATION NAME TWIN LAKES	ELEV 338	SEC 7829	TWP 18	RNG LOT 10N 18E O	BWM M	LATITUDE 38.706	LONGITUDE 120.040	COUNTY CODE 02				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.36	4.82	5.70	6.40	7.05	7.73	8.84	9.88	11.66	12.99	15.49	22.76	45.74
5	4.50	6.65	7.96	8.93	9.78	10.65	12.13	13.49	15.75	17.82	20.97	30.62	57.72
10	5.22	7.87	9.45	10.56	11.53	12.49	14.18	15.69	18.16	20.76	24.26	35.33	64.51
20	5.90	9.03	10.84	12.08	13.16	14.19	16.04	17.68	20.30	23.43	27.20	39.55	70.40
25	6.11	9.39	11.28	12.55	13.67	14.72	16.62	18.28	20.94	24.24	28.09	40.83	72.16
40	6.21	10.14	12.17	13.78	14.92	15.80	17.79	19.53	22.55	25.91	29.92	43.44	75.72
50	6.74	10.49	12.59	13.97	15.20	16.30	18.34	20.10	22.86	26.68	30.76	44.65	77.33
100	7.36	11.57	13.87	15.34	16.68	17.82	19.99	21.83	24.66	29.00	33.28	48.26	82.14
200	7.95	12.62	15.12	16.68	18.12	19.30	21.58	23.50	26.38	31.23	35.70	51.73	86.67
1000	9.30	15.01	17.54	19.69	21.36	22.60	25.12	27.18	30.13	36.16	41.01	59.34	96.40
PMP	21.92	34.82	42.84	47.95	51.80	55.75	63.21	69.71	80.42	93.13	106.99	153.90	250.24
MEAN	3.584	5.233	6.173	6.894	7.578	8.248	9.372	10.404	12.112	13.685	16.186	23.769	46.462
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.125	1.525	1.936	1.348	1.123	1.291	1.261	1.280	1.183	1.369	1.127	.861	.659
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.121	5.767	7.296	8.820	4.134	5.095	4.845	5.035	4.623	5.403	4.075	3.594	2.790
N	51	51	51	51	51	51	51	51	51	51	51	51	50
RECORD YEAR	1956	1963	1963	1963	1956	1956	1969	1969	1965	1965	1965	1965	1965
RECORD MAXIMUM	6.010	11.140	14.950	15.470	16.400	19.960	21.710	23.590	26.950	34.870	36.960	49.300	78.960
NORMALIZED MAX	2.039	2.660	3.236	2.940	2.886	3.439	3.083	3.021	2.867	3.424	3.033	2.673	2.146
CALC. COEF. VAR	.332	.395	.349	.423	.403	.413	.427	.420	.427	.452	.423	.402	.323
REGN. COEF. VAR	.341	.377	.396	.397	.389	.394	.383	.380	.374	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.394	.383	.380	.374	.387	.374	.365	.291
MEAN/A	.0768	.1122	.1324	.1478	.1625	.1768	.2009	.2231	.2597	.2934	.3470	.5096	1.0000
RP10/A	.1120	.1688	.2026	.2265	.2472	.2678	.3040	.3363	.3894	.4452	.5200	.7575	1.3832
RP25/A	.1310	.2013	.2418	.2690	.2930	.3155	.3563	.3920	.4490	.5197	.6023	.8754	1.5472
RP50/A	.1446	.2250	.2700	.2995	.3258	.3494	.3932	.4310	.4900	.5719	.6594	.9572	1.6580
RP100/A	.1577	.2480	.2974	.3289	.3576	.3821	.4285	.4681	.5287	.6177	.7135	1.0588	1.7611
RP1000/A	.1993	.3218	.3847	.4221	.4578	.4845	.5386	.5828	.6459	.7754	.8792	1.2722	2.0668
RP10000/A	.2389	.3930	.4684	.5108	.5534	.5813	.6418	.6894	.7525	.9101	1.0131	1.4905	2.3377
PMP/A	.4699	.7466	.9185	1.0281	1.1105	1.1953	1.3552	1.4945	1.7243	1.9967	2.2939	3.2996	5.3550

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 480 1500 0	STATION NAME CAPAY 4W	ELEV 288	SEC 290	TWP 20	RNG LOT 10N	BWM 02W	LATITUDE E	LONGITUDE M	COUNTY 38.705	CODE 122.117	57
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.63	3.32	3.78	4.17	4.54	4.88	5.56	6.00	6.98	7.55	8.74
5	3.69	4.79	5.42	5.93	6.44	6.89	7.79	8.33	9.61	10.45	12.00
10	4.37	5.76	6.50	7.07	7.67	8.17	9.18	9.76	11.16	12.23	13.95
20	5.00	6.68	7.51	8.12	8.64	9.14	10.44	11.04	12.53	13.92	15.70
25	5.20	6.97	7.82	8.45	9.17	9.70	10.83	11.44	12.94	14.31	16.23
40	5.30	7.57	8.47	8.61	9.34	10.44	11.62	12.24	13.78	15.32	17.32
50	5.79	7.85	8.78	9.44	10.24	10.79	11.99	12.61	14.17	15.78	17.82
100	6.37	8.70	9.70	10.40	11.24	11.84	13.11	13.73	15.32	17.17	19.32
200	6.93	9.54	10.61	11.33	12.28	12.66	14.19	14.61	16.33	18.51	20.75
1000	8.18	11.44	12.66	13.43	14.54	15.14	16.58	17.19	18.84	21.48	23.91
10000	9.91	14.09	15.49	16.31	17.66	18.25	19.84	20.40	22.83	25.48	28.14
PMP	19.99	27.23	30.71	33.13	35.82	38.00	42.30	44.98	51.12	55.76	63.14
MEAN	2.837	3.655	4.122	4.510	4.908	5.238	5.925	6.341	7.272	7.974	9.157
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.592	.633	.686	.991	1.032	.954	.895	.819	.671	.585	.599
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.500	.400
KURTOSIS	2.633	2.868	3.156	3.901	4.283	3.994	3.735	3.325	2.793	2.673	2.616
N	84	84	84	84	84	84	84	84	84	84	84
RECORD YEAR	1921	1958	1918	1893	1911	1911	1913	1911	1938	1914	1914
RECORD MAXIMUM	4.470	6.530	7.970	9.320	10.770	11.030	12.650	13.340	14.660	16.410	17.830
NORMALIZED MAX	1.061	2.273	2.698	2.927	3.269	2.994	2.870	2.802	2.519	2.659	2.379
CALC. COEF. VAR	.346	.346	.346	.346	.372	.369	.396	.394	.404	.398	.424
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.393	.393
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.393	.393
MEAN/A	.1250	.1610	.1816	.1987	.2162	.2308	.2610	.2794	.3204	.3513	.4034
RP10/A	.1925	.2537	.2863	.3114	.3380	.3598	.4043	.4298	.4915	.5388	.6147
RP25/A	.2291	.3070	.3446	.3724	.4038	.4273	.4770	.5038	.5701	.6097	.7152
RP50/A	.2552	.3456	.3828	.4150	.4509	.4754	.5284	.5556	.6242	.6951	.7950
RP100/A	.2805	.3833	.4275	.4592	.4945	.5216	.5775	.6049	.6762	.7505	.8511
RP1000/A	.3604	.5041	.5576	.5916	.6406	.6668	.7306	.7573	.8298	.9462	1.0535
RP10000/A	.4306	.6207	.6823	.7185	.7778	.8040	.8741	.8988	.9704	1.1224	1.2396
PMP/A	.8806	1.1996	1.3528	1.4596	1.5763	1.6742	1.8663	1.9682	2.2522	2.4537	2.7816

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 480 1807 0	STATION NAME CLEARLAKE PARK	ELEV 1330	SEC 20	TWP 13N	RNG LOT 07W	BWM M	LATITUDE 38.983	LONGITUDE 122.177	COUNTY 17
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	2.61	3.31	3.65	4.01	4.31	4.67	5.21	5.65	6.55
5	3.66	4.76	5.23	5.71	6.12	6.60	7.30	7.84	9.02
10	4.33	5.73	6.28	6.80	7.28	7.82	8.59	9.18	10.47
20	4.96	6.65	7.25	7.81	8.37	8.94	9.77	10.39	11.76
25	5.16	6.94	7.55	8.13	8.70	9.28	10.14	10.76	12.15
40	5.25	7.53	8.18	8.28	8.87	10.00	10.88	11.51	12.94
50	5.74	7.81	8.48	9.08	9.72	10.33	11.23	11.86	13.30
100	6.31	8.66	9.37	10.00	10.70	11.33	12.27	12.92	14.39
200	6.87	9.50	10.25	10.90	11.66	12.31	13.26	13.93	15.42
1000	8.11	11.39	12.22	12.91	13.61	14.49	15.53	16.17	17.68
10000	9.83	14.03	14.96	15.65	16.76	17.47	18.58	19.19	20.68
PMP	19.82	27.11	29.66	31.86	34.02	36.38	39.66	42.03	48.00
MEAN	2.814	3.638	3.981	4.338	4.660	5.014	5.547	5.966	6.827
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	.447	1.131	.987	.855	1.201	.818	.198	.512	.138
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600
KURTOSIS	2.478	5.284	4.915	4.158	5.329	4.788	3.501	3.946	3.001
N	23	23	23	23	23	23	23	23	23
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1970
RECORD MAXIMUM	4.020	6.450	6.880	6.980	8.070	8.420	8.640	9.830	11.970
NORMALIZED MAX	1.475	2.502	2.577	2.184	2.762	2.689	2.335	2.166	2.062
CALC. COEF. VAR	.291	.430	.283	.279	.253	.253	.244	.244	.248
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399
MEAN/A	.1185	.1532	.1677	.1827	.1962	.2112	.2336	.2513	.2875
RP10/A	.1825	.2415	.2643	.2863	.3068	.3292	.3618	.3866	.4411
RP25/A	.2172	.2921	.3157	.3383	.3590	.3810	.4269	.4531	.5117
RP50/A	.2419	.3289	.3570	.3825	.4093	.4350	.4729	.4996	.5602
RP100/A	.2659	.3648	.3947	.4212	.4506	.4773	.5169	.5440	.6000
RP1000/A	.3417	.4797	.5148	.5439	.5814	.6101	.6539	.6810	.7448
RP10000/A	.5007	.6959	.7607	.7967	.8407	.8709	.9135	.9487	1.0487
PMP/A	.8349	1.1416	1.2490	1.3419	1.4325	1.5320	1.6703	1.7701	2.0214

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS 15 SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A80 4010 0	STATION NAME HOBERGS	ELEV 70	SEC 2960	TWP 35	RNG 12N	LOT 08W	BWM M	LATITUDE 38.850	LONGITUDE 122.717	COUNTY CODE 17			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.07	7.99	9.33	10.17	10.98	11.79	13.13	14.17	16.79	18.80	22.39	31.95	56.40
5	8.50	11.50	13.40	14.48	15.59	16.65	18.38	19.68	23.11	26.02	30.74	43.90	73.31
10	10.07	13.84	16.06	17.25	18.56	19.73	21.65	23.03	26.83	30.42	35.74	51.06	82.89
20	11.53	16.05	18.55	19.83	21.32	22.56	24.62	26.07	30.12	34.40	40.22	57.46	91.20
25	11.98	16.75	19.33	20.63	22.18	23.43	25.54	27.00	31.12	35.62	41.58	59.41	93.69
40	12.21	18.16	20.94	21.02	22.60	25.23	27.42	28.89	33.14	38.11	44.36	63.39	98.70
50	13.05	18.86	21.69	23.04	24.77	26.07	28.29	29.77	34.07	39.26	45.64	65.22	100.98
100	14.67	20.91	23.98	25.38	27.27	28.60	30.92	32.41	36.86	42.73	49.48	70.72	107.76
200	15.96	22.93	26.22	27.88	29.71	31.06	33.46	34.95	39.51	46.07	53.16	75.98	114.15
1000	18.86	27.50	31.28	32.77	35.19	36.56	39.12	40.58	45.30	53.44	61.25	87.55	127.88
10000	22.84	33.66	38.28	39.81	42.73	44.08	46.80	48.16	52.97	63.39	72.07	103.03	145.70
PMP	46.07	65.44	75.90	80.86	86.70	91.80	99.92	105.47	122.94	138.59	161.73	231.31	344.91
MEAN	6.540	8.784	10.187	11.008	11.876	12.653	13.974	14.970	17.487	19.842	23.456	33.475	57.678
CLOCK HR. COR.	1.140	1.076	1.040	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.107	1.044	1.117	1.048	1.104	1.013	1.117	1.013	1.135	1.013	1.135	1.013	1.135
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	7.932	5.944	4.385	5.668	7.371	7.223	6.257	5.525	4.084	3.661	3.724	2.777	3.851
N	42	42	42	42	42	42	42	42	35	42	42	42	42
RECORD YEAR	1938	1938	1938	1956	1956	1956	1956	1956	1956	1956	1956	1941	1938
RECORD MAXIMUM	14.200	20.500	21.000	26.490	30.180	30.510	33.450	34.920	36.990	40.440	48.690	82.890	112.500
NORMALIZED MAX	2.910	2.891	2.733	3.324	3.794	3.770	3.673	3.467	2.651	2.590	2.822	2.262	2.721
CALC. COEF. VAR	.402	.461	.410	.423	.406	.382	.379	.384	.421	.401	.381	.388	.349
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.134	1.523	1.786	1.909	2.059	2.214	2.243	2.596	3.032	3.440	4.067	5.804	1.0000
RP10/A	1.747	2.400	2.791	3.029	3.242	3.473	3.753	3.993	4.651	5.274	6.197	8.852	1.4371
RP25/A	2.078	2.903	3.352	3.576	3.846	4.063	4.428	4.680	5.395	6.176	7.210	1.0301	1.6243
RP50/A	2.315	3.269	3.761	3.995	4.294	4.519	4.904	5.161	5.968	6.807	7.913	1.1307	1.7508
RP100/A	2.564	3.626	4.158	4.440	4.728	4.959	5.361	5.620	6.570	7.498	8.679	1.2201	1.8683
RP1000/A	3.269	4.768	5.423	5.682	6.101	6.339	6.762	7.035	7.853	9.026	1.0420	1.5180	2.2171
RP10000/A	3.960	5.871	6.636	6.902	7.408	7.643	8.114	8.350	9.184	1.0991	1.2495	1.7864	2.5262
PMP/A	7.988	1.1340	1.3159	1.4019	1.5031	1.5916	1.7323	1.8286	2.1314	2.4029	2.8040	4.0105	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB			STATION NAME		ELEV	SEC	TWP	RNG	LD	BWM	LATITUDE		LONGITUDE	COUNTY CODE
A80	4097	0	MOPLAND 8NE		2510	32	14N	10W		M	39.017		123.000	17
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	3.46	4.80	5.44	5.97	6.48	6.84	7.85	8.68	9.99	11.17	14.04	20.18	39.20	
5	4.86	6.90	7.81	8.50	9.20	9.66	10.99	12.05	13.76	15.45	19.27	27.72	50.95	
10	5.75	8.31	9.36	10.12	10.96	11.44	12.94	14.11	15.97	18.07	22.41	32.25	57.01	
20	6.59	9.64	10.82	11.64	12.58	13.08	14.72	15.96	17.93	20.43	25.22	36.29	63.38	
25	6.84	10.05	11.27	12.11	13.09	13.59	15.27	16.53	18.52	21.16	26.07	37.53	65.11	
40	6.97	10.91	12.21	13.33	14.34	14.64	16.39	17.70	19.73	22.64	27.81	40.04	68.59	
50	7.62	11.32	12.65	13.52	14.62	15.12	16.91	18.23	20.28	23.32	28.62	41.19	70.18	
100	8.38	12.55	13.98	14.89	16.09	16.59	18.49	19.85	21.94	25.38	31.02	44.66	74.89	
200	9.12	13.76	15.29	16.23	17.53	18.02	20.01	21.41	23.52	27.36	33.33	47.99	79.33	
1000	10.77	16.51	18.24	19.23	20.76	21.21	23.39	24.85	26.96	31.75	38.40	55.30	86.88	
10000	13.04	20.33	22.32	23.36	25.21	25.57	27.98	29.50	31.53	37.06	45.19	65.08	101.26	
PMP	26.31	39.28	44.25	47.45	51.16	53.25	59.74	64.59	73.18	82.33	101.40	146.10	239.71	
MEAN	3.735	5.272	5.940	6.460	7.008	7.340	8.355	9.168	10.410	11.786	14.766	21.143	40.086	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.538	1.816	1.992	1.900	1.895	1.896	1.984	1.857	1.961	2.498	1.642	1.232	1.92	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
KURTOSIS	6.657	7.915	6.690	7.840	7.451	7.280	8.014	7.469	8.373	11.199	5.927	4.185	2.251	
N	20	20	20	20	20	20	20	20	20	20	20	20	20	
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1958	
RECORD MAXIMUM	7.510	12.570	14.070	15.100	16.470	17.070	18.610	20.190	22.460	26.260	29.210	37.770	58.180	
NORMALIZED MAX	2.386	2.864	3.084	3.083	3.044	3.007	3.164	3.126	3.240	3.336	2.774	2.377	1.837	
CALC. COEF. VAR	.424	.483	.444	.434	.444	.441	.388	.364	.402	.357	.356	.331	.240	
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332	
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332	
MEAN/A	.0932	.1315	.1482	.1612	.1748	.1831	.2084	.2287	.2597	.2940	.3669	.5274	1.0000	
RP10/A	.1435	.2073	.2336	.2526	.2733	.2854	.3228	.3519	.3984	.4506	.5590	.8045	1.4371	
RP25/A	.1707	.2508	.2812	.3020	.3265	.3391	.3809	.4124	.4621	.5278	.6504	.9361	1.6243	
RP50/A	.1902	.2823	.3155	.3374	.3646	.3772	.4249	.4568	.5090	.5818	.7139	1.0276	1.7508	
RP100/A	.2091	.3131	.3489	.3716	.4015	.4139	.4612	.4952	.5473	.6332	.7740	1.1142	1.6683	
RP1000/A	.2680	.4118	.4550	.4798	.5180	.5291	.5834	.6200	.6727	.7920	.9880	1.3795	2.2171	
RP10000/A	.3254	.5071	.5568	.5828	.6290	.6379	.6980	.7358	.7866	.9394	1.2722	1.6234	2.5262	
PMP/A	.6504	.9799	1.1040	1.1837	1.2763	1.3284	1.4903	1.6114	1.8257	2.0537	2.3295	3.0447	5.9800	

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A80 4700 0	STATION NAME LAKEPORT 2NW	ELEV 1475	SEC 14	TWP 14N	RNG LOT 10W 0	BWM M	LATITUDE 39.038	LONGITUDE 122.936	COUNTY CODE 17				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.93	3.94	4.49	4.99	5.40	5.84	6.57	7.13	8.35	9.17	11.36	16.88	30.49
5	4.11	5.68	6.44	7.10	7.67	8.25	9.20	9.90	11.50	12.69	15.60	23.19	39.63
10	4.87	6.83	7.72	8.46	9.14	9.77	10.83	11.59	13.35	14.84	18.14	26.97	44.80
20	5.57	7.92	8.92	9.73	10.49	11.17	12.32	13.11	14.99	16.79	20.42	30.35	49.29
25	5.79	8.28	9.30	10.12	10.92	11.60	12.78	13.58	15.49	17.38	21.11	31.38	50.84
40	5.90	8.67	10.07	10.31	11.12	12.49	13.72	14.54	16.49	18.60	22.52	33.48	53.35
50	6.45	9.31	10.43	11.30	12.19	12.91	14.15	14.98	16.96	19.16	23.17	34.45	54.58
100	7.09	10.32	11.54	12.45	13.42	14.16	15.47	16.31	18.34	20.85	25.12	37.35	58.25
200	7.72	11.32	12.61	13.57	14.62	15.38	16.74	17.59	19.66	22.22	26.99	40.13	61.70
1000	9.11	13.57	15.04	16.07	17.32	18.11	19.57	20.42	22.54	26.08	31.09	46.25	69.12
10000	11.04	16.71	18.41	19.53	21.03	21.83	23.41	24.23	26.36	30.93	36.58	54.42	76.76
PMP	22.27	32.29	36.50	39.66	42.67	45.46	49.99	53.06	61.18	67.62	82.09	122.18	186.43
MEAN	3.161	4.335	4.900	5.400	5.845	6.266	6.992	7.532	8.703	9.661	11.906	17.082	31.176
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.168	1.185	.825	.744	.681	.626	.292	.201	1.101	-.103	.692	.716	.046
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.400	.700	.700	.400
KURTOSIS	3.998	4.210	3.538	3.275	3.701	3.299	3.831	3.508	2.968	2.798	3.914	3.262	3.196
N	33	33	33	33	33	33	32	32	32	32	32	32	32
RECORD YEAR	1938	1963	1963	1956	1956	1956	1956	1956	1941	1941	1956	1941	1941
RECORD MAXIMUM	5.510	8.680	8.770	9.770	11.550	11.720	13.410	13.400	14.810	15.600	22.510	33.900	56.600
NORMALIZED MAX	1.990	2.207	2.207	2.234	2.297	2.534	2.642	2.356	2.178	2.027	2.613	2.620	2.402
CALC. COEF. VAR	.374	.391	.360	.362	.362	.343	.326	.335	.322	.306	.341	.365	.340
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1014	.1390	.1572	.1732	.1875	.2010	.2243	.2416	.2791	.3105	.3819	.5672	1.0000
RP10/A	.1562	.2191	.2478	.2714	.2931	.3133	.3474	.3717	.4282	.4761	.5819	.8650	1.4371
RP25/A	.1858	.2651	.2983	.3245	.3501	.3722	.4099	.4357	.4967	.5575	.6770	1.0066	1.6243
RP50/A	.2070	.2985	.3347	.3626	.3910	.4141	.4540	.4804	.5439	.6145	.7431	1.1050	1.7508
RP100/A	.2275	.3310	.3700	.3993	.4305	.4543	.4952	.5231	.5883	.6687	.8057	1.1981	1.8683
RP1000/A	.2923	.4353	.4826	.5155	.5555	.5908	.6777	.6549	.7330	.8364	.9913	1.4834	2.2171
RP10000/A	.3541	.5360	.5905	.6263	.6745	.7003	.7510	.7772	.8455	.9222	1.1734	1.7457	2.5262
PMP/A	.7143	1.0359	1.1709	1.2722	1.3686	1.4582	1.6035	1.7021	1.9624	2.1691	2.6331	3.9191	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB A80 4880 0	STATION NAME LEESVILLE KEGAN	ELEV 485	SEC 1330	TWP 17	RNG LOT 15N 05W C	BWM M	LATITUDE 39.153	LONGITUDE 122.436	COUNTY CODE 06				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.60	3.42	3.67	3.94	4.26	4.74	5.37	5.75	6.76	7.69	8.97	13.38	23.18
5	3.65	4.92	5.27	5.61	6.05	6.69	7.52	7.98	9.30	10.65	12.31	18.39	30.13
10	4.32	5.92	6.32	6.69	7.20	7.93	8.85	9.34	10.80	12.45	14.32	21.39	34.07
20	4.95	6.86	7.30	7.68	8.27	9.07	10.07	10.57	12.13	14.08	16.11	24.07	37.48
25	5.14	7.16	7.61	7.99	8.60	9.42	10.45	10.95	12.53	14.58	16.66	24.89	38.51
40	5.24	7.78	8.24	8.15	8.76	10.14	11.22	11.72	13.34	15.60	17.77	26.56	40.57
50	5.73	8.68	8.53	8.93	9.80	10.48	11.57	12.07	13.72	16.07	18.28	27.32	41.50
100	6.30	8.94	9.44	9.84	10.57	11.50	12.65	13.14	14.84	17.49	19.82	29.63	44.29
200	6.85	9.80	10.32	10.72	11.52	12.49	13.69	14.17	15.91	18.86	21.30	31.83	46.92
1000	8.09	11.76	12.31	12.70	13.64	14.70	16.00	16.45	18.24	21.88	24.54	36.86	52.56
10000	9.80	14.48	15.06	15.43	16.50	17.72	19.14	19.53	21.33	25.95	28.87	43.91	59.89
PMP	19.77	27.98	29.86	31.34	33.61	36.90	40.87	42.77	49.50	56.73	64.78	96.16	141.77
MEAN	2.807	3.756	4.008	4.267	4.804	5.086	5.717	6.070	7.041	8.122	9.366	14.024	23.707
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.768	.755	.890	.699	.412	1.988	1.442	2.092	.974	.748	.746	.516	1.013
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.000	1.072	.800	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.000	1.072	.800	.800	.800	.800	.700	.700	.400
KURTOSIS	3.041	2.802	3.389	3.087	5.691	8.881	7.140	9.939	4.930	3.224	4.207	3.212	4.446
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1967	1968	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	4.080	5.350	6.400	6.700	8.900	10.580	10.780	12.480	12.980	13.480	16.600	23.600	44.330
NORMALIZED MAX	1.680	1.578	2.124	2.197	2.978	3.401	3.229	3.578	2.844	2.180	2.540	2.182	2.675
CALC. COEF. VAR	.270	.269	.281	.260	.313	.318	.274	.295	.297	.303	.301	.316	.325
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1184	.1584	.1691	.1800	.1942	.2146	.2411	.2561	.2970	.3426	.3963	.5916	1.0000
RP10/A	.1820	.2497	.2605	.2821	.3036	.3345	.3735	.3940	.4556	.5253	.6039	.9022	1.4371
RP25/A	.2170	.3021	.3268	.3372	.3627	.3973	.4437	.4617	.5285	.6150	.7028	1.0449	1.6243
RP50/A	.2417	.3401	.3600	.3768	.4051	.4420	.4881	.5092	.5787	.6719	.7712	1.1525	1.7508
RP100/A	.2657	.3772	.3980	.4150	.4460	.4850	.5335	.5544	.6259	.7378	.8361	1.2497	1.8683
RP1000/A	.3414	.4961	.5191	.5358	.5754	.6200	.6750	.6941	.7693	.9228	1.0350	1.5472	2.2171
RP10000/A	.4135	.6108	.6353	.6508	.6987	.7475	.8075	.8238	.8996	1.0948	1.2178	1.8208	2.5262
PMP/A	.8341	1.1804	1.2596	1.3219	1.4178	1.5566	1.7241	1.8640	2.0879	2.3930	2.7327	4.0877	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 480 7591 5	STATION NAME RUMSEY 1 NW	ELEV 455	SEC 12	TWP 12N	RNG LOT 04W	BWM M	LATITUDE 38.902	LONGITUDE 122.248	COUNTY CODE 57			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS												
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	20D	30D	60D	F YR
2	2.84	3.71	4.29	4.67	4.98	5.44	6.16	6.64	8.31	9.53	13.70	22.53
5	3.99	5.35	6.15	6.65	7.08	7.68	8.63	9.22	11.42	13.13	18.82	29.57
10	4.72	6.44	7.37	7.92	8.42	9.10	10.16	10.79	13.25	15.33	21.89	33.80
20	5.40	7.46	8.52	9.10	9.68	10.41	11.56	12.22	14.86	17.32	24.64	37.58
25	5.62	7.79	8.87	9.47	10.07	10.81	11.99	12.65	15.35	17.92	25.47	38.73
40	5.72	8.45	9.62	9.65	10.26	11.05	12.87	13.54	16.35	19.17	27.18	41.07
50	6.26	8.77	9.96	10.58	11.24	12.03	13.28	13.95	16.81	19.74	27.96	42.15
100	6.88	9.72	11.01	11.65	12.38	13.20	14.52	15.19	18.17	21.47	30.32	45.39
200	7.48	10.66	12.04	12.69	13.48	14.33	15.71	16.38	19.48	23.13	32.58	48.50
1000	8.84	12.79	14.35	15.04	15.97	16.87	18.37	19.02	22.32	26.92	37.54	55.32
10000	10.70	15.74	17.58	18.27	19.39	20.34	21.97	22.57	26.09	31.78	44.48	64.45
PMP	21.59	30.43	34.85	37.11	39.34	42.35	46.91	49.43	60.47	69.30	99.18	140.11
MEAN	3.065	4.084	4.678	5.053	5.389	5.837	6.561	7.016	8.657	10.051	14.353	23.430
CLOCK HR. COR.	1.140	1.070	1.050	1.040	1.030	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.701	1.758	1.383	1.191	.915	.779	.628	.680	.600	.600	1.013	1.051
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700
KURTOSIS	7.830	6.894	5.689	4.496	4.061	3.795	3.151	3.873	3.256	3.378	3.406	3.647
N	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1928	1941	1941	1941
RECORD MAXIMUM	6.500	8.900	9.750	9.600	10.110	11.190	11.580	13.450	15.980	18.820	29.370	47.660
NORMALIZED MAX	2.945	2.900	2.855	2.574	2.413	2.642	2.462	2.726	2.418	2.436	2.603	2.613
CALC. COEF. VAR	.381	.406	.380	.373	.363	.347	.311	.337	.350	.358	.402	.396
REG. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.393	.394	.332
MEAN/A	.1308	.1743	.1997	.2157	.2306	.2491	.2600	.2995	.3695	.4290	.6126	1.0000
RP10/A	.2015	.2747	.3388	.3556	.3884	.4438	.4667	.5653	.6563	.7343	1.0425	1.4425
RP25/A	.2307	.3223	.3780	.4041	.4296	.4614	.5118	.5400	.6553	.7650	1.0872	1.6529
RP50/A	.2671	.3742	.4252	.4515	.4797	.5133	.5669	.5955	.7173	.8425	1.1935	1.7990
RP100/A	.2935	.4150	.4781	.4972	.5282	.5632	.6196	.6483	.7756	.9163	1.2941	1.9374
RP1000/A	.3372	.5458	.6131	.6420	.6815	.7199	.7839	.8117	.9526	1.1445	1.6022	2.3813
RP10000/A	.4569	.6720	.7502	.7799	.8275	.8680	.9378	.9633	1.1135	1.3564	1.8855	2.7509
PMP/A	.9216	1.2986	1.4875	1.5840	1.6792	1.8076	2.0023	2.1097	2.5808	2.9577	4.2330	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 480 9173 0	STATION NAME UPPER LAKE RS	ELEV 494	SEC 1347	7 07	15N	15N	09W	M	39.167	122.917	COUNTY CODE 17		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	20D	30D	60D	365D	
2	3.05	3.88	4.44	5.00	5.49	5.85	6.57	7.19	8.60	9.63	11.59	17.23	33.08
5	4.27	5.58	6.38	7.12	7.79	8.26	9.20	9.98	11.83	13.33	15.91	23.67	43.00
10	5.06	6.72	7.65	8.48	9.28	9.79	10.84	11.68	13.74	15.59	18.50	27.54	48.61
20	5.80	7.79	8.93	9.75	10.66	11.19	12.33	13.22	15.43	17.63	20.82	30.99	53.49
25	6.02	8.13	9.21	10.14	11.09	11.63	12.79	13.69	15.94	18.25	21.53	32.04	54.94
40	6.13	8.83	9.97	10.34	11.30	12.52	13.73	14.65	16.97	19.53	22.97	34.19	57.88
50	6.71	9.15	10.33	11.33	12.38	12.94	14.16	15.10	17.45	20.12	23.63	35.17	59.22
200	7.38	10.15	11.42	12.48	13.63	14.19	15.48	16.44	18.88	21.89	25.62	38.14	63.20
1000	8.02	11.13	12.49	13.60	14.85	15.42	16.76	17.73	20.23	23.60	27.52	40.98	66.95
10000	9.48	13.35	14.69	16.11	17.59	18.15	19.59	20.58	23.20	27.38	31.71	47.22	75.00
PMP	23.16	31.77	36.14	39.76	43.34	45.56	50.03	53.49	62.98	71.81	83.72	124.75	202.29
MEAN	3.287	4.265	4.851	5.413	5.936	6.280	6.998	7.592	8.956	10.167	12.143	18.054	33.827
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.512	1.064	.701	.621	.626	.635	.551	.744	.550	.713	.565	.726	.897
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	2.584	4.381	3.335	3.241	3.159	3.310	3.150	3.676	2.720	3.238	2.728	2.906	3.385
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1938	1938	1938	1965	1965	1956	1965	1965	1965	1965	1965	1941	1958
RECORD MAXIMUM	5.350	8.650	9.370	9.990	10.990	11.580	12.690	14.590	16.640	20.970	21.830	34.340	60.890
NORMALIZED MAX	1.670	2.727	2.397	2.335	2.408	2.410	2.302	2.573	2.784	2.121	2.294	2.603	2.603
CALC. COEF. VAR	.376	.377	.389	.362	.354	.350	.353	.358	.361	.382	.376	.381	.307
REG. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.393	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.393	.393	.394	.332
MEAN/A	.0972	.1261	.1431	.1608	.1755	.1856	.2069	.2244	.2648	.3065	.3590	.5337	1.0000
RP10/A	.1497	.1987	.2261	.2508	.2743	.2894	.3204	.3453	.4062	.4608	.5470	.8140	1.4371
RP25/A	.1781	.2404	.2721	.2999	.3277	.3438	.3781	.4047	.4711	.5306	.6364	.9473	1.6243
RP50/A	.1984	.2706	.3054	.3350	.3660	.3824	.4187	.4463	.5159	.5947	.6995	1.0398	1.7508
RP100/A	.2180	.3001	.3376	.3690	.4030	.4196	.4577	.4859	.5588	.6472	.7573	1.1275	1.6683
RP1000/A	.2802	.3947	.4403	.4764	.5200	.5364	.5790	.6083	.6809	.8095	.9374	1.3559	2.0071
RP10000/A	.3394	.4860	.5368	.5787	.6313	.6468	.6928	.7220	.8020	.9602	1.1030	1.6427	2.5262
PMP/A	.6846	.9392	1.0684	1.1754	1.2811	1.3468	1.4791	1.5812	1.8613	2.0993	2.4751	3.6880	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 490 6977 0	STATION NAME PLEASANTS VALLEY	ELEV 250	SEC 11	TWP 07N	RNG LOT 02W	BM M	LATITUDE 38+46.8	LONGITUDE 122+04.3	COUNTY CODE 13				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.82	4.76	5.66	5.92	6.51	7.04	8.24	9.00	10.37	11.10	12.82	17.82	26.83
5	5.35	6.86	8.13	8.43	9.29	9.95	11.54	12.49	14.27	15.37	17.60	24.49	37.47
10	6.34	8.25	9.74	10.05	11.01	11.79	13.59	14.62	16.57	17.97	20.46	28.48	42.37
20	7.26	9.57	11.26	11.55	12.64	13.48	15.46	16.54	18.60	20.32	23.02	32.05	48.61
25	7.54	9.99	11.73	12.01	13.15	14.00	16.03	17.13	19.22	21.04	23.80	33.14	47.88
40	7.68	10.84	12.70	12.24	13.40	15.07	17.21	18.34	20.47	22.51	25.39	35.36	50.44
50	8.41	11.24	13.16	13.42	14.69	15.57	17.76	18.89	21.04	23.19	26.13	36.38	51.61
100	9.24	12.47	14.55	14.78	16.17	17.07	19.41	20.57	22.76	25.24	28.33	39.45	55.08
200	10.05	13.67	15.91	16.11	17.62	18.56	21.01	22.18	24.40	27.21	30.43	42.39	58.34
1000	11.87	16.40	18.98	19.08	20.87	21.84	24.56	25.75	27.98	31.57	35.06	48.84	65.36
10000	14.38	20.19	23.22	23.18	25.34	26.34	29.38	30.56	32.71	37.45	41.26	57.48	74.47
PHP	29.00	39.02	48.04	47.09	51.41	54.85	62.73	66.93	75.93	81.67	92.58	129.04	176.29
MEAN	4.117	5.237	6.180	6.411	7.042	7.560	8.773	9.501	10.801	11.721	13.427	18.674	29.480
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.892	1.215	1.019	1.008	1.100	1.004	1.423	1.046	1.348	1.058	-0.136	-0.453	-1.172
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	8.292	4.494	4.506	4.167	4.461	7.575	6.470	5.434	4.095	3.157	3.208	3.158	2.493
N	19	15	15	15	15	15	15	15	15	15	15	15	20
RECORD YEAR	1956	1956	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	0.270	9.540	10.790	10.820	12.780	16.360	16.910	17.910	18.960	19.420	22.050	28.250	45.150
NORMALIZED MAX	2.311	2.009	2.048	2.047	2.303	2.822	2.738	2.594	2.268	1.890	1.921	1.654	1.794
CALC. COEF. VAR	.436	.409	.364	.336	.354	.412	.339	.341	.333	.348	.335	.310	.303
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1397	.1777	.2096	.2175	.2389	.2565	.2976	.3223	.3664	.3976	.4555	.6334	1.0000
RP10/A	.2191	.2799	.3305	.3468	.3734	.3998	.4610	.4958	.5620	.6096	.6941	.9661	1.4371
RP25/A	.2559	.3387	.3978	.4075	.4461	.4749	.5439	.5811	.6519	.7138	.8075	1.1243	1.6243
RP50/A	.2851	.3814	.4464	.4552	.4962	.5283	.6024	.6409	.7139	.7867	.8863	1.2341	1.7508
RP100/A	.3134	.4230	.4936	.5014	.5468	.5797	.6688	.6978	.7722	.8562	.9609	1.3382	1.8683
RP1000/A	.4027	.5562	.6437	.6474	.7078	.7410	.8330	.8735	.9490	1.0709	1.1894	1.6568	2.2171
RP10000/A	.4877	.6849	.7877	.7884	.8594	.8935	.9966	1.0368	1.1097	1.2703	1.3999	1.9497	2.5262
PHP/A	.9838	1.3235	1.5619	1.5973	1.7439	1.8866	2.1279	2.2704	2.5756	2.7771	3.1405	4.3771	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 490 7649 0	STATION NAME ST HELENA TNE	ELEV 870	SEC 11	TWP 08N	RNG LOT 05W 8	BM M	LATITUDE 38.566	LONGITUDE 122-38.1	COUNTY CODE 28				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.75	5.11	5.82	6.33	6.77	7.25	8.07	8.83	9.99	11.10	13.26	18.53	33.23
5	5.25	7.36	8.35	9.01	9.61	10.24	11.29	12.25	13.75	15.36	18.20	25.47	43.18
10	6.22	8.86	10.01	10.73	11.44	12.13	13.30	14.34	15.96	17.97	21.18	29.62	48.83
20	7.12	10.27	11.57	12.34	13.14	13.88	15.13	16.23	17.92	20.32	23.81	33.34	53.72
25	7.40	10.71	12.05	12.83	13.67	14.41	15.69	16.81	18.52	21.04	24.62	34.47	59.19
40	7.54	11.63	13.06	13.85	14.73	15.52	16.85	17.99	19.72	22.51	26.27	36.77	58.14
50	8.25	12.06	13.53	14.34	15.27	16.03	17.36	18.54	20.27	23.19	27.02	37.64	59.48
100	9.07	13.38	14.96	15.79	16.81	17.59	19.00	20.18	21.93	25.23	29.30	41.03	63.40
200	9.86	14.67	16.35	17.21	18.31	19.11	20.56	21.77	23.51	27.21	31.48	44.08	67.46
1000	11.65	17.59	19.50	20.35	21.69	22.49	24.03	25.27	26.95	31.56	36.27	50.79	75.33
10000	14.11	21.66	23.87	24.77	26.33	27.12	28.76	29.99	31.52	37.44	42.67	59.77	86.83
PHP	28.47	41.87	47.32	50.31	53.44	56.47	61.39	65.68	73.15	81.95	94.35	134.20	203.17
MEAN	4.041	5.620	6.352	6.849	7.320	7.784	8.586	9.323	10.405	11.718	13.887	19.420	33.792
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.721	1.002	1.043	1.202	1.416	1.499	1.905	1.928	1.254	1.444	1.246	.980	.521
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	3.597	3.351	4.145	3.959	4.798	5.300	5.332	5.292	4.895	5.567	4.773	4.277	2.134
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	0.670	10.330	12.990	14.120	17.370	18.960	19.760	21.870	22.650	25.220	28.240	36.790	53.000
NORMALIZED MAX	1.779	1.781	2.028	2.118	2.607	2.738	2.788	2.777	2.688	2.609	2.572	2.556	1.716
CALC. COEF. VAR	.466	.476	.483	.501	.527	.524	.467	.477	.441	.442	.402	.380	.328
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1189	.1654	.1870	.2016	.2194	.2291	.2527	.2744	.3063	.3449	.4088	.5714	1.0000
RP10/A	.1832	.2808	.3247	.3359	.3368	.3571	.3915	.4222	.4698	.5268	.6229	.8718	1.4371
RP25/A	.2179	.3165	.3584	.3777	.4024	.4249	.4689	.4968	.5493	.6192	.7247	1.0139	1.6243
RP50/A	.2428	.3551	.3981	.4220	.4493	.4719	.5116	.5496	.5967	.6625	.7594	1.1136	1.7508
RP100/A	.2669	.3938	.4402	.4648	.4948	.5178	.5592	.5941	.6455	.7287	.8623	1.2075	1.8883
RP1000/A	.3429	.5179	.5741	.6001	.6383	.6620	.7074	.7437	.7933	.9290	1.0674	1.4950	2.2171
RP10000/A	.4154	.6376	.7025	.7290	.7751	.7982	.8644	.8827	.9277	1.1019	1.2558	1.7593	2.5262
PHP/A	.6379	1.2323	1.3929	1.4807	1.5728	1.6621	1.8070	1.9331	2.1330	2.4091	2.8183	3.9498	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 800 1813 0	STATION NAME CLEMENTS		ELEV 345	SEC 120	TWP 16	RND LOT 04N 08E 0	B+M M	LATITUDE 38.204	LONGITUDE 121.098	COUNTY 39			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.83	2.25	2.55	2.73	3.04	3.23	3.54	3.95	4.71	5.18	6.25	9.20	17.17
5	2.44	3.10	3.56	3.80	4.20	4.43	4.86	5.39	6.41	7.11	8.50	12.42	21.73
10	2.84	3.65	4.20	4.48	4.91	5.18	5.69	6.27	7.45	8.28	9.87	14.38	24.36
20	3.21	4.17	4.81	5.10	5.57	5.87	6.42	7.06	8.39	9.35	11.10	16.15	26.67
25	3.30	4.34	4.99	5.29	5.77	6.08	6.65	7.30	8.67	9.67	11.48	16.70	27.37
40	3.38	4.67	5.08	5.69	6.18	6.51	7.12	7.80	9.26	10.34	12.26	17.81	28.78
100	3.66	5.03	5.56	5.87	6.37	6.71	7.34	8.03	9.53	10.64	12.61	18.32	29.42
100	4.00	5.31	6.10	6.43	6.95	7.31	8.00	8.72	10.35	11.57	13.69	19.67	31.34
200	4.32	5.78	6.63	6.97	7.50	7.89	8.64	9.38	11.13	12.48	14.73	21.35	33.16
1000	5.05	6.83	7.83	8.18	8.74	9.19	10.06	10.86	12.87	14.43	17.02	24.64	37.10
10000	6.85	8.29	9.47	9.83	10.43	10.95	11.99	12.84	15.22	17.08	20.11	29.07	42.27
PMP	11.91	16.15	19.06	20.32	22.08	23.14	25.31	27.84	32.93	37.15	43.48	62.59	94.38

MEAN	1.947	2.427	2.746	2.922	3.230	3.423	3.753	4.155	4.959	5.460	6.579	9.666	17.591
CLOCK MR. COR.	1.140	1.670	1.970	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.755	.906	.422	.218	.205	.227	.200	.182	.104	.072	.550	.464	.464
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	9.840	3.602	2.495	2.268	2.433	2.367	3.002	2.713	3.211	5.412	3.470	2.890	2.273
N	30	30	30	30	30	30	30	30	30	29	30	30	30
RECORD YEAR	1947	1937	1958	1958	1958	1958	1958	1958	1958	1958	1958	1958	1958
RECORD MAXIMUM	3.950	3.950	4.370	4.620	5.350	5.310	6.430	6.300	10.770	11.240	15.430	26.970	26.970
NORMALIZED MAX	2.953	1.988	1.864	1.723	2.049	1.902	2.414	2.113	2.493	3.175	2.600	2.175	2.170
CALC. COEF. VAR	.296	.295	.317	.327	.320	.321	.296	.281	.297	.306	.273	.274	.266
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	1.107	1.390	1.561	1.661	1.836	1.946	2.133	2.352	2.819	3.104	3.740	5.495	1.0000
RP1/A	1.013	1.277	1.390	1.545	1.792	1.946	2.127	2.352	2.825	3.109	3.609	5.175	1.1450
RP2/A	1.087	1.265	1.388	1.500	1.678	1.834	2.012	2.237	2.710	2.995	3.495	4.922	1.5559
RP5/A	1.203	1.275	1.359	1.338	1.362	1.382	1.474	1.564	1.649	1.680	1.711	1.0415	1.6725
RP10/A	1.272	1.301	1.349	1.355	1.348	1.356	1.450	1.492	1.583	1.616	1.623	1.1293	1.7815
RP100/A	1.281	1.384	1.440	1.460	1.470	1.470	1.572	1.612	1.717	1.802	1.867	1.4007	2.1090
RP1000/A	1.342	1.473	1.534	1.550	1.528	1.528	1.684	1.730	1.860	1.911	1.1434	1.6520	2.4030
PMP/A	1.6770	1.9181	1.6833	1.1534	1.2550	1.3154	1.4389	1.5825	1.6717	2.1120	2.4720	3.5579	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 800 2389 0	STATION NAME DENAIR 3		ELEV 398	SEC 124	TWP 20	RND LOT 04S 11E	B+M M	LATITUDE 37.587	LONGITUDE 120.743	COUNTY CO 50			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	365D
2	1.26	1.32	1.49	1.80	2.04	2.20	2.45	2.81	3.16	3.42	4.16	5.89	11.14
5	1.60	2.10	2.36	2.62	2.81	3.02	3.36	3.56	4.30	4.69	5.65	7.95	14.10
10	1.96	2.47	2.78	3.08	3.30	3.53	3.93	4.14	5.00	5.46	6.56	9.20	15.81
20	2.21	2.82	3.16	3.51	3.73	3.99	4.45	4.67	5.63	6.16	7.38	10.34	17.31
25	2.29	2.93	3.31	3.65	3.87	4.14	4.61	4.83	5.82	6.38	7.63	10.69	17.76
40	2.33	3.16	3.37	3.92	4.14	4.43	4.93	5.16	6.21	6.81	8.14	11.40	18.67
50	2.52	3.27	3.68	4.05	4.27	4.57	5.08	5.31	6.39	7.02	8.38	11.72	19.09
100	2.75	3.39	4.04	4.43	4.66	4.98	5.54	5.77	6.94	7.63	9.10	12.71	20.33
200	2.98	3.91	4.39	4.80	5.03	5.37	5.98	6.21	7.47	8.21	9.79	13.66	21.51
1000	3.40	4.62	5.19	5.63	5.87	6.26	6.96	7.18	8.64	9.51	11.31	15.77	24.07
10000	4.17	5.61	6.27	6.77	7.00	7.46	8.30	8.30	10.21	11.26	13.38	18.61	27.43
PMP	6.21	10.33	12.62	14.00	14.81	15.75	17.52	18.42	22.09	24.50	28.69	40.05	61.23

MEAN	1.342	1.642	1.819	2.023	2.187	2.330	2.597	2.749	3.327	3.600	4.371	6.185	11.413
CLOCK MR. COR.	1.140	1.670	1.970	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.704	.749	.870	.369	.703	.340	.830	.815	.961	.672	.764	1.151	.372
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.533	3.682	4.217	3.255	3.327	2.885	4.452	4.137	4.462	3.620	4.466	5.831	3.668
N	75	75	75	39	39	39	39	39	75	39	75	39	76
RECORD YEAR	1921	1986	1938	1938	1958	1969	1969	1962	1938	1989	1958	1938	1969
RECORD MAXIMUM	2.080	3.060	3.490	3.510	4.090	4.100	4.960	5.520	6.490	6.610	9.500	12.890	21.800
NORMALIZED MAX	1.794	2.842	2.909	2.641	2.658	2.428	2.833	2.929	2.719	2.414	3.387	3.073	2.853
CALC. COEF. VAR	.288	.308	.316	.302	.334	.313	.321	.346	.350	.346	.346	.353	.319
REGN. COEF. VAR	.341	.377	.396	.389	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.389	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	1.176	1.438	1.594	1.784	1.898	2.042	2.276	2.409	2.915	3.154	3.830	5.420	1.0000
RP1/A	1.174	1.245	1.2440	.2703	.2887	.3092	.3443	.3632	.4390	.4785	.5744	.8063	1.3850
RP2/A	1.204	1.251	1.2898	.3195	.3389	.3624	.4035	.4233	.5099	.5587	.6665	.9362	1.5559
RP5/A	1.2212	.2803	.3225	.3544	.3743	.4000	.4453	.4503	.5503	.6148	.7344	1.0022	1.5725
RP10/A	1.2416	.3168	.3542	.3881	.4082	.4361	.4853	.5055	.6083	.6683	.7971	1.1139	1.7615
RP100/A	1.3050	.4050	.4544	.4937	.5139	.5462	.6100	.6293	.7567	.8315	.9910	1.3816	2.1090
RP1000/A	1.3858	.4916	.5497	.5938	.6129	.6634	.7269	.7443	.8944	.9869	1.1710	1.6302	2.4030
PMP/A	1.7191	.5973	1.1081	1.2269	1.2976	1.3803	1.5349	1.6137	1.9355	2.1444	2.5317	3.5093	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 000 2909 0	STATION NAME EUGENE STUART RCH	ELEV 346	SEC 173	TWP 22	RNG LOT 01N 10E K	BWM M	LATITUDE 37.921	LONGITUDE 120.457	COUNTY COO CODE 50				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.46	1.85	2.08	2.25	2.43	2.61	2.90	3.18	3.76	4.11	4.92	7.61	14.58
5	1.95	2.56	2.91	3.13	3.35	3.58	3.98	4.34	5.11	5.64	6.68	10.28	18.46
10	2.27	3.02	3.44	3.69	3.92	4.18	4.65	5.05	5.94	6.57	7.76	11.90	20.70
20	2.56	3.45	3.93	4.20	4.44	4.74	5.26	5.69	6.68	7.41	8.73	13.37	24.66
25	2.68	3.59	4.08	4.36	4.60	4.90	5.45	5.88	6.91	7.67	9.03	13.82	25.25
40	2.70	3.60	4.15	4.43	4.63	5.25	5.84	6.28	7.38	8.19	9.64	14.74	24.44
50	2.93	3.99	4.54	4.83	5.09	5.41	6.02	6.47	7.60	8.44	9.92	15.16	24.99
100	3.20	4.39	4.99	5.29	5.55	5.90	6.56	7.02	8.25	9.17	10.76	16.44	26.62
200	3.48	4.78	5.42	5.74	5.99	6.37	7.08	7.58	8.87	9.88	11.58	17.67	28.17
1000	4.04	5.65	6.40	6.73	6.98	7.42	8.24	8.75	10.26	11.44	13.38	20.39	31.51
10000	4.84	6.86	7.74	8.10	8.33	8.84	9.82	10.35	12.12	13.54	15.81	24.06	35.91
PMP	9.53	13.35	15.37	16.73	17.63	18.66	20.74	22.43	26.24	29.46	34.19	51.79	80.17
MEAN	1.558	2.008	2.244	2.406	2.579	2.763	3.074	3.347	3.951	4.329	5.172	7.998	14.943
CLOCK HR. COR.	1.140	1.670	1.840	1.920	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.936	1.185	1.571	1.101	.792	1.005	.792	.896	.590	.668	.829	.894	.426
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.774	5.166	5.754	4.501	3.913	4.575	3.612	3.235	3.135	3.764	3.740	3.471	2.479
N	43	43	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1938	1956	1956	1956	1956	1956	1958	1958	1958	1958	1958	1958	1958
RECORD MAXIMUM	2.490	3.730	4.470	4.520	4.770	5.350	5.670	5.975	7.020	8.270	9.700	14.920	24.780
NORMALIZED MAX	1.959	2.382	2.949	2.703	2.636	2.905	2.595	2.382	2.458	2.925	2.888	2.505	2.413
CALC. COEF. VAR	.305	.333	.336	.325	.322	.327	.325	.329	.316	.311	.326	.345	.273
REBN. COEF. VAR	.341	.377	.389	.387	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	1.1043	1.343	1.502	1.610	1.726	1.849	2.057	2.240	2.644	2.897	3.461	5.353	1.0000
RP10/A	1.519	2.021	2.299	2.467	2.625	2.800	3.112	3.378	3.973	4.395	5.191	7.962	1.3850
RP25/A	1.777	2.399	2.730	2.916	3.081	3.282	3.648	3.937	4.626	5.131	6.041	9.247	1.5559
RP50/A	1.961	2.672	3.038	3.235	3.403	3.623	4.026	4.328	5.083	5.647	6.637	1.0145	1.6725
RP100/A	2.240	2.937	3.337	3.542	3.711	3.949	4.387	4.701	5.518	6.138	7.204	1.1001	1.7815
RP1000/A	2.704	3.780	4.280	4.506	4.672	4.985	5.515	5.893	6.884	7.655	8.956	1.3845	2.1070
RP10000/A	3.241	4.589	5.179	5.417	5.572	5.917	6.571	6.923	8.113	9.064	1.0583	1.6100	2.4030
PMP/A	6.375	8.936	1.0421	1.1197	1.1797	1.2500	1.3876	1.5009	1.7557	1.9712	2.2879	3.4658	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY				
000 3301 0	GALT	59	47	27	05N	06E J	38.254	121.363	COO CODE 34				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.75	2.29	2.59	2.85	3.12	3.28	3.63	3.96	4.65	5.11	6.20	8.95	16.54
5	2.34	3.15	3.61	3.97	4.30	4.51	4.98	5.41	6.32	7.01	8.43	12.07	20.94
10	2.72	3.72	4.28	4.68	5.04	5.27	5.82	6.29	7.35	8.17	9.78	13.98	23.48
20	3.07	4.25	4.87	5.33	5.71	5.96	6.59	7.09	8.27	9.21	11.01	15.71	25.71
25	3.18	4.41	5.06	5.53	5.91	6.17	6.82	7.33	8.56	9.54	11.39	16.24	26.38
40	3.24	4.75	5.16	5.94	6.34	6.61	7.31	7.83	9.13	10.19	12.15	17.32	27.73
50	3.51	4.91	5.63	6.13	6.53	6.81	7.53	8.05	9.40	10.49	12.51	17.81	28.36
100	3.83	5.40	6.19	6.72	7.12	7.43	8.21	8.75	10.21	11.41	13.58	19.32	30.20
200	4.15	5.88	6.73	7.28	7.69	8.02	8.86	9.42	10.98	12.26	14.60	20.76	31.96
1000	4.84	6.95	7.94	8.55	8.97	9.34	10.32	10.90	12.70	14.23	16.88	23.96	35.76
10000	5.81	8.44	9.60	10.27	10.69	11.13	12.29	12.89	15.01	16.84	19.94	28.27	40.94
PMP	11.42	16.43	19.32	21.23	22.64	23.51	25.96	27.95	32.47	36.63	43.12	60.66	96.96
MEAN	1.868	2.469	2.784	3.053	3.312	3.478	3.849	4.172	4.891	5.383	6.523	9.399	16.954
CLOCK HR. COR.	1.140	1.670	1.840	1.920	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.638	1.152	1.056	.984	.875	.840	.878	.724	.730	1.056	1.088	.813	.334
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	2.746	4.415	4.188	4.335	3.710	3.617	3.799	3.307	3.648	5.335	5.391	4.028	2.139
N	73	73	73	73	73	73	73	73	73	73	73	73	73
RECORD YEAR	1907	1919	1911	1911	1911	1911	1911	1911	1911	1911	1911	1911	1951
RECORD MAXIMUM	3.000	4.950	6.000	7.000	7.600	7.770	8.750	8.750	11.280	14.180	16.930	22.150	28.470
NORMALIZED MAX	1.827	2.734	3.088	3.538	3.360	3.280	3.321	3.044	3.494	4.004	4.633	3.822	2.258
CALC. COEF. VAR	.132	.397	.397	.376	.376	.376	.376	.376	.376	.376	.376	.376	.376
REBN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.367	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.367	.374	.365	.291
MEAN/A	1.102	1.456	1.642	1.801	1.954	2.052	2.270	2.461	2.885	3.175	3.847	5.544	1.0000
RP10/A	1.815	2.192	2.514	2.759	2.971	3.105	3.434	3.710	4.334	4.817	5.770	8.248	1.3850
RP25/A	1.878	2.602	2.908	3.261	3.488	3.642	4.025	4.324	5.045	5.624	6.715	9.577	1.5559
RP50/A	2.073	2.898	3.322	3.618	3.852	4.076	4.445	4.754	5.545	6.189	7.377	1.0507	1.6725
RP100/A	2.261	3.185	3.650	3.962	4.201	4.381	4.841	5.184	6.020	6.727	8.007	1.1394	1.7519
RP1000/A	2.857	4.100	4.602	5.040	5.289	5.508	6.085	6.429	7.488	8.390	9.955	1.4132	2.1030
RP10000/A	3.225	4.977	5.605	6.080	6.308	6.565	7.251	7.604	8.851	9.935	1.1763	1.6675	2.4000
PMP/A	6.737	9.692	1.1378	1.2525	1.3354	1.3869	1.5312	1.6446	1.9153	2.1606	2.5431	3.5898	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 4283 0				STATION NAME 10NE		ELEV 75	SEC 284	TWP 25	RNG 06N	LOT 09E	8MM F	M M	LATITUDE 38-34R	LONGITUDE 120-94R	COUNTY CODE 03
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS															
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650		
2	2.25	2.78	3.11	3.39	3.69	3.91	4.23	4.72	5.55	6.18	7.41	10.85	21.03		
5	3.01	3.83	4.33	4.71	5.09	5.37	5.80	6.44	7.56	8.48	10.07	14.65	26.62		
10	3.50	4.51	5.12	5.55	5.94	6.27	6.78	7.49	8.78	9.89	11.69	16.97	29.85		
20	3.95	5.16	5.85	6.32	6.75	7.10	7.67	8.44	9.89	11.15	13.61	19.06	32.68		
25	4.09	5.36	6.08	6.56	6.99	7.35	7.95	8.73	10.23	11.54	13.61	19.70	33.53		
40	4.16	5.77	6.19	7.05	7.49	7.87	8.51	9.32	10.92	12.33	14.53	21.01	35.26		
50	4.61	5.97	6.77	7.28	7.73	8.16	8.77	9.60	11.24	12.70	14.95	21.61	36.05		
100	4.99	6.56	7.43	7.97	8.43	8.85	9.56	11.42	12.50	13.81	16.23	23.44	38.40		
200	5.37	7.14	8.08	8.64	9.10	9.55	10.32	11.22	13.12	14.87	17.46	25.19	40.63		
1000	6.22	8.44	9.54	10.13	10.61	11.12	12.02	12.96	15.17	17.22	20.17	29.07	45.43		
10000	7.46	10.25	11.54	12.18	12.65	13.16	14.32	15.35	17.94	20.39	23.84	34.30	51.79		
PMP	14.67	19.95	23.22	25.18	26.78	28.00	30.26	33.28	38.81	44.34	51.54	73.84	115.63		
MEAN	2.399	2.998	3.345	3.621	3.918	4.142	4.483	4.967	5.845	6.516	7.797	11.403	21.593		
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
CALCULATED SKEW	1.376	1.311	.956	.627	.670	.603	.340	.239	.367	.947	.856	.926	.320		
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500		
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500		

KURTOSIS	5.400	6.628	5.210	4.367	4.834	4.685	3.707	3.074	3.106	5.728	4.950	4.056	2.527
N	69	70	69	69	69	70	69	69	69	69	69	70	70
RECORD YEAR	1951	1907	1907	1907	1907	1907	1907	1911	1911	1911	1911	1907	1907
RECORD MAXIMUM	4.650	6.790	7.380	7.630	8.380	8.530	8.530	10.820	15.510	18.080	24.300	35.950	
NORMALIZED MAX	2.564	3.694	3.525	3.324	3.551	3.365	2.919	2.369	2.708	4.045	3.805	3.280	2.425
CALC. COEF. VAR	.369	.342	.311	.321	.315	.309	.303	.314	.341	.345	.345	.345	.275
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1113	.1391	.1552	.1680	.1818	.1922	.2080	.2305	.2712	.3023	.3618	.5291	1.0000
RP10/A	.1622	.2094	.2376	.2574	.2765	.2910	.3146	.3475	.4075	.4587	.5426	.7872	1.3850
RP25/A	.1897	.2486	.2822	.3042	.3245	.3412	.3688	.4050	.4744	.5355	.6314	.9140	1.5559
RP50/A	.2094	.2769	.3141	.3376	.3584	.3766	.4070	.4453	.5213	.5893	.6937	1.0028	1.6725
RP100/A	.2284	.3043	.3449	.3696	.3909	.4105	.4436	.4836	.5680	.6406	.7529	1.0874	1.7815
RP1000/A	.2886	.3917	.4425	.4702	.4921	.5161	.5576	.6022	.7040	.7989	.9360	1.3487	2.1090
RP10000/A	.3460	.4754	.5354	.5653	.5869	.6150	.6643	.7122	.8321	.9459	1.1061	1.5914	2.4030
PMP/A	.6065	.9258	1.0772	1.1685	1.2425	1.2993	1.4028	1.5441	1.8007	2.0573	2.3913	3.4258	5.3650

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5010 0			STATION NAME LOCKEFORD		ELEV 330	SEC 106	TWP 30	RNG 04N	LOT 08E	8MM N	M M	LATITUDE 38-16S	LONGITUDE 121-14R	COUNTY CODE 39
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
	2	1.71	2.12	2.41	2.63	2.89	3.11	3.41	3.73	4.62	4.86	5.69	8.59	16.09
	5	2.29	2.93	3.37	3.66	3.98	4.27	4.69	5.08	6.29	6.66	7.74	11.59	20.37
	10	2.66	3.45	3.98	4.31	4.66	4.99	5.48	5.91	7.30	7.76	8.98	13.42	22.84
	20	3.00	3.94	4.55	4.90	5.28	5.64	6.20	6.66	8.22	8.76	10.11	15.08	25.01
	25	3.11	4.10	4.73	5.09	5.47	5.85	6.42	6.89	8.50	9.05	10.45	15.58	25.66
	40	3.16	4.42	4.81	5.47	5.87	6.26	6.87	7.36	9.08	9.69	11.16	16.62	26.98
	50	3.43	4.56	5.26	5.65	6.05	6.45	7.08	7.58	9.34	9.97	11.48	17.10	27.58
	100	3.74	5.02	5.78	6.18	6.59	7.03	7.72	8.23	10.14	10.84	12.46	18.54	29.38
	200	4.05	5.46	6.28	6.70	7.12	7.59	8.34	8.86	10.91	11.68	13.41	19.93	31.08
	1000	4.73	6.46	7.41	7.87	8.30	8.84	9.70	10.25	12.62	13.52	15.50	23.00	36.78
	10000	5.67	7.84	8.97	9.46	9.90	10.54	11.56	12.12	14.91	16.01	18.31	27.13	39.63
	PMP	11.15	15.26	18.04	19.54	20.96	22.26	24.42	26.28	32.28	34.82	39.59	58.41	88.48
MEAN		1.823	2.293	2.599	2.810	3.067	3.293	3.620	3.922	4.861	5.116	5.989	9.021	16.491
CLOCK HR. COR.		1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW		.736	.585	.606	.479	.398	.399	.347	.351	.398	1.146	.872	.586	.497
REGIONAL SKEW		1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED		1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
KURTOSIS		3.226	2.991	2.996	2.511	2.487	2.774	2.410	2.351	2.603	4.983	3.867	2.472	2.569
N		48	48	48	48	48	48	48	48	41	48	48	48	48
RECORD YEAR		1937	1967	1956	1958	1956	1956	1956	1956	1958	1958	1958	1936	1958
RECORD MAXIMUM		2.860	3.820	4.610	4.680	5.370	5.970	6.200	6.800	8.580	11.520	11.660	15.480	28.830
NORMALIZED MAX		1.992	2.245	2.248	1.997	2.295	2.269	2.334	2.361	2.357	3.495	2.900	2.125	2.645
CALC. COEF. VAR		.285	.300	.344	.333	.327	.316	.305	.311	.325	.358	.327	.337	.283
REGN. COEF. VAR		.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR		.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A		.1106	.1391	.1576	.1704	.1860	.1997	.2195	.2378	.2947	.3103	.3632	.5470	1.0000
RP10/A		.1611	.2093	.2316	.2611	.2828	.3024	.3321	.3586	.4429	.4757	.5507	.7847	1.8830
RP25/A		.1884	.2485	.2866	.3086	.3320	.3545	.3892	.4179	.5156	.5496	.6339	.9449	1.5559
RP50/A		.2080	.2757	.3190	.3424	.3667	.3913	.4296	.4595	.5666	.6048	.6963	1.0367	1.6725
RP100/A		.2269	.3042	.3503	.3749	.3999	.4265	.4682	.4991	.6151	.6574	.7558	1.1242	1.7815
RP1000/A		.2868	.3915	.4493	.4769	.5034	.5362	.5885	.6213	.7651	.8195	.9396	1.3487	2.1090
RP10000/A		.3437	.4752	.5437	.5734	.6004	.6391	.7012	.7350	.9044	.9708	1.1103	1.6453	2.4030
PMP/A		.6761	.9254	1.0939	1.1851	1.2711	1.3500	1.4807	1.5934	1.9571	2.1113	2.4005	3.5418	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5032 0	STATION NAME LODI	ELEV 349	SEC 40	TWP 11	RNG LOT 03N 08E P	RWM M	LATITUDE 38.116	LONGITUDE 121.289	COUNTY CODE 39				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.76	2.24	2.53	2.77	3.04	3.23	3.57	3.91	4.53	5.08	6.09	8.73	16.50
5	2.36	3.09	3.53	3.85	4.19	4.44	4.90	5.34	6.16	6.96	8.28	11.79	20.89
10	2.74	3.64	4.17	4.53	4.90	5.19	5.72	6.21	7.18	8.11	9.51	13.65	23.42
20	3.09	4.16	4.77	5.16	5.55	5.88	6.47	7.00	8.06	9.16	10.82	15.33	25.65
25	3.20	4.32	4.95	5.36	5.75	6.09	6.71	7.24	8.33	9.47	11.19	15.85	26.31
40	3.26	4.66	5.04	5.76	6.16	6.52	7.18	7.73	8.90	10.13	11.94	16.90	27.67
50	3.43	4.81	5.45	5.95	6.35	6.72	7.40	7.94	9.16	10.43	12.24	17.39	28.29
100	3.86	5.29	6.05	6.51	6.93	7.32	8.07	8.64	9.91	11.33	13.34	18.86	30.13
200	4.17	5.75	6.58	7.06	7.49	7.91	8.71	9.30	10.69	12.21	14.35	20.27	31.68
1000	4.87	6.81	7.76	8.28	8.72	9.21	10.14	10.76	12.36	14.13	16.59	23.39	35.67
10000	5.84	8.26	9.39	9.96	10.41	10.97	12.08	12.73	14.61	16.74	19.80	27.60	40.64
PMP	11.49	16.09	18.90	20.58	22.03	23.18	25.51	27.60	31.62	36.40	42.37	59.41	90.74
MEAN	1.878	2.418	2.724	2.959	3.223	3.429	3.782	4.119	4.763	5.349	6.410	9.175	16.913
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.428	1.189	1.007	1.166	.774	1.012	.867	.602	.448	.663	.952	.931	.109
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	5.583	5.290	4.077	4.605	3.453	4.406	4.041	3.337	3.073	3.865	4.934	4.865	2.299
N	80	80	80	80	80	80	80	80	80	80	80	80	80
RECORD YEAR	1907	1907	1911	1911	1911	1911	1893	1893	1911	1911	1911	1911	1908
RECORD MAXIMUM	3.760	5.130	5.600	6.480	6.550	7.920	8.220	8.450	9.870	12.210	15.410	21.390	27.420
NORMALIZED MAX	2.981	3.308	2.817	3.134	2.765	3.382	3.176	2.998	3.062	3.525	3.909	3.813	2.195
CALC. COEF. VAR	.348	.339	.375	.380	.373	.387	.369	.351	.350	.364	.359	.349	.283
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.111	.1429	.1610	.1750	.1906	.2027	.2236	.2436	.2816	.3162	.3790	.5425	1.0000
RP10/A	.1619	.2152	.2405	.2681	.2898	.3070	.3383	.3672	.4231	.4798	.5685	.8071	1.3850
RP25/A	.1703	.2555	.2928	.3108	.3402	.3599	.3965	.4280	.4926	.5602	.6816	.9372	1.5559
RP50/A	.2090	.2845	.3259	.3515	.3757	.3972	.4376	.4706	.5413	.6165	.7267	1.0282	1.6725
RP100/A	.2280	.3127	.3579	.3849	.4094	.4330	.4769	.5111	.5877	.6701	.7888	1.1150	1.7815
RP1000/A	.2881	.4024	.4590	.4897	.5158	.5444	.5904	.6364	.7310	.8357	.9807	1.3829	2.1090
RP10000/A	.3453	.4885	.5554	.5887	.6152	.6468	.7143	.7527	.8641	.9895	1.1589	1.6318	2.4030
PMP/A	.6792	.9513	1.1176	1.2168	1.3024	1.3706	1.5082	1.6318	1.8699	2.1521	2.5053	3.5127	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5032 8	STATION NAME LODI ANNE DEVINNY	ELEV 377	SEC 61	TWP 30	RNG LOT 04N 07E C	RWM M	LATITUDE 38.175	LONGITUDE 121.250	COUNTY CODE 39				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.67	2.21	2.52	2.64	2.91	3.14	3.36	3.66	4.18	4.86	5.93	8.47	15.67
5	2.23	3.05	3.51	3.68	4.01	4.31	4.61	5.00	5.68	6.67	8.06	11.43	19.04
10	2.59	3.59	4.15	4.33	4.70	5.03	5.39	5.81	6.73	8.00	9.70	13.24	22.25
20	2.93	4.11	4.75	4.94	5.32	5.70	6.10	6.55	7.44	8.77	10.53	14.82	24.35
25	3.03	4.27	4.93	5.12	5.52	5.90	6.32	6.77	7.69	9.08	10.89	15.37	24.99
40	3.08	4.60	5.02	5.50	5.91	6.32	6.76	7.23	8.21	9.70	11.63	16.39	26.27
50	3.35	4.75	5.49	5.68	6.09	6.51	6.97	7.45	8.45	9.99	11.97	16.86	26.86
100	3.65	5.22	6.03	6.22	6.65	7.10	7.60	8.09	9.17	10.46	12.99	18.29	28.61
200	3.95	5.68	6.56	6.75	7.18	7.67	8.20	8.70	9.87	11.69	13.97	19.66	30.27
1000	4.61	6.72	7.74	7.92	8.36	8.93	9.55	10.07	11.41	13.54	16.15	22.68	33.87
10000	5.53	8.16	9.36	9.52	9.98	10.64	11.38	11.91	13.49	16.03	19.08	26.77	38.60
PMP	10.87	15.89	18.83	19.67	21.12	22.47	24.03	25.82	29.19	34.86	41.57	57.62	86.17
MEAN	1.778	2.388	2.714	2.828	3.090	3.324	3.563	3.853	4.396	5.123	6.241	8.898	16.061
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.001	.422	.1684	.734	.861	.988	.988	.894	1.164	1.427	1.236	1.171	1.482
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.310	2.905	2.904	2.868	3.201	3.806	3.968	3.955	4.829	5.498	4.227	5.003	5.898
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1963	1951	1951	1951	1956	1956	1956	1956	1958	1958	1958	1958	1958
RECORD MAXIMUM	2.560	3.580	4.600	4.970	5.370	6.020	6.550	6.950	9.050	10.780	11.930	17.030	30.070
NORMALIZED MAX	1.531	1.551	1.765	1.910	1.951	2.177	2.297	2.317	2.747	2.828	2.435	2.600	2.954
CALC. COEF. VAR	.287	.322	.396	.396	.378	.373	.365	.347	.385	.390	.374	.343	.295
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1107	.1487	.1690	.1761	.1924	.2070	.2218	.2399	.2737	.3190	.3886	.5540	1.0000
RP10/A	.1614	.2236	.2587	.2698	.2926	.3134	.3356	.3617	.4112	.4840	.5828	.8242	1.3850
RP25/A	.1687	.2457	.2819	.2919	.3145	.3364	.3613	.3917	.4438	.5202	.6282	.8700	1.5559
RP50/A	.2083	.2958	.3419	.3538	.3794	.4055	.4341	.4635	.5261	.6218	.7450	1.0500	1.6725
RP100/A	.2273	.3252	.3755	.3874	.4137	.4420	.4731	.5035	.5712	.6759	.8087	1.1366	1.7815
RP1000/A	.2872	.4185	.4817	.4929	.5208	.5557	.5946	.6269	.7104	.8429	1.0054	1.4123	2.1090
RP10000/A	.3442	.5080	.5628	.5925	.6212	.6623	.7086	.7414	.8398	.9981	1.1880	1.6864	2.4030
PMP/A	.6771	.9893	1.1727	1.2247	1.3150	1.3992	1.4962	1.6074	1.8172	2.1707	2.5684	3.5872	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5118 0	STATION NAME LOS ANGELES	ELEV 125	SEC 23	TWP 105	RNG LOT 10E L	BWN M	LATITUDE 37.050	LONGITUDE 120.850	COUNTY 24	CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.22	1.50	1.65	1.75	1.89	1.99	2.23	2.40	2.89	3.17	3.49	4.88	8.85
5	1.44	2.07	2.30	2.44	2.61	2.73	3.06	3.27	3.93	4.35	4.74	6.59	11.20
10	1.90	2.44	2.72	2.87	3.05	3.19	3.57	3.80	4.56	5.07	5.50	7.63	12.75
20	2.15	2.78	3.11	3.27	3.46	3.61	4.04	4.28	5.14	5.72	6.19	8.57	13.75
25	2.22	2.89	3.23	3.40	3.58	3.74	4.18	4.43	5.31	5.92	6.40	8.86	14.11
40	2.26	3.12	3.29	3.45	3.64	3.84	4.01	4.48	4.73	5.67	6.32	8.63	9.45
50	2.45	3.22	3.59	3.77	3.95	4.13	4.58	4.84	5.84	6.51	7.03	9.72	10.11
100	2.68	3.54	3.95	4.13	4.31	4.50	5.03	5.29	6.34	7.08	7.63	10.54	16.16
200	2.89	3.85	4.29	4.47	4.66	4.86	5.43	5.70	6.82	7.62	8.21	11.33	17.10
1000	3.38	4.56	5.06	5.25	5.43	5.66	6.33	6.59	7.88	8.83	9.49	13.07	19.13
10000	4.05	5.53	6.12	6.31	6.47	6.75	7.54	7.79	9.32	10.45	11.22	15.43	21.79
PMP	7.98	10.78	12.32	13.05	13.71	14.25	15.92	16.90	20.16	22.73	24.25	33.21	48.66
MEAN	1.304	1.619	1.776	1.876	2.005	2.108	2.360	2.522	3.036	3.340	3.668	5.129	9.070
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
REGIONAL SKEW	1.100	1.200	1.100	1.000	0.900	0.900	0.900	0.800	0.800	0.800	0.800	0.800	0.500
SKEW USED	1.100	1.200	1.100	1.000	0.900	0.900	0.900	0.800	0.800	0.800	0.800	0.800	0.500
KURTOSIS	2.753	3.537	2.744	2.532	2.572	2.876	2.275	2.459	2.263	2.134	2.439	2.784	3.258
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1958	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	1.880	3.130	3.340	3.540	3.780	3.950	4.050	4.500	5.130	5.480	6.150	9.110	15.880
NORMALIZED MAX	1.356	2.178	2.039	2.041	2.110	2.173	1.899	1.635	1.574	1.890	1.914	2.093	2.400
CALC. COEF. VAR	0.326	0.429	0.432	0.435	0.419	0.411	0.406	0.413	0.422	0.407	0.401	0.406	0.343
REGION. COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.387	0.374	0.365	0.291
USED COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.387	0.374	0.365	0.291
MEAN/A	1.438	1.785	1.958	2.068	2.211	2.324	2.602	2.781	3.347	3.683	4.045	5.655	1.0000
RP10/A	1.287	1.687	1.851	1.952	2.087	2.193	2.462	2.639	3.192	3.528	3.890	5.401	1.3850
RP25/A	1.251	1.390	1.359	1.376	1.397	1.4126	1.4614	1.4886	1.5856	1.6524	1.7059	1.9769	1.4559
RP50/A	1.2706	1.3553	1.362	1.364	1.360	1.4554	1.5092	1.5372	1.6435	1.7180	1.7755	1.0718	1.6259
RP100/A	1.2952	1.3905	1.4351	1.4550	1.4755	1.4964	1.5549	1.5835	1.6886	1.7804	1.8418	1.1622	1.7815
RP1000/A	1.3730	1.5026	1.5581	1.5789	1.5985	1.6241	1.6975	1.7265	1.8689	1.9733	2.0485	1.4415	2.1090
RP10000/A	1.4671	1.6101	1.6753	1.6960	1.7139	1.7438	1.8312	1.8593	1.0271	1.1525	1.2368	1.7009	2.4300
PMP/A	8.794	11.881	1.3587	1.4385	1.5112	1.5713	1.7551	1.8630	2.2227	2.5064	2.6734	3.6615	5.3650

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5233 0	STATION NAME MADEIRA	ELEV 268	SEC 13	TWP 115	RNG LOT 17E P	BWN M	LATITUDE 36.970	LONGITUDE 120.049	COUNTY 20	CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.19	1.37	1.54	1.69	1.84	1.96	2.16	2.35	2.76	3.06	3.66	5.26	9.73
5	1.60	1.89	2.14	2.36	2.54	2.70	2.96	3.21	3.76	4.19	4.97	7.09	12.32
10	1.85	2.23	2.53	2.78	2.97	3.15	3.46	3.74	4.37	4.89	5.77	8.22	13.81
20	2.09	2.54	2.90	3.16	3.37	3.57	3.92	4.21	4.92	5.51	6.49	9.23	15.12
25	2.17	2.64	3.01	3.28	3.49	3.70	4.06	4.35	5.08	5.70	6.71	9.54	15.52
40	2.21	2.85	3.06	3.53	3.74	3.96	4.34	4.65	5.43	6.10	7.17	10.17	16.32
50	2.39	2.94	3.35	3.64	3.85	4.08	4.48	4.79	5.59	6.28	7.37	10.47	16.68
100	2.61	3.23	3.68	3.99	4.20	4.45	4.88	5.20	6.07	6.82	8.00	11.35	17.77
200	2.82	3.52	4.00	4.32	4.54	4.80	5.27	5.60	6.53	7.35	8.61	12.20	18.80
1000	3.40	4.16	4.72	5.07	5.29	5.59	6.13	6.47	7.54	8.51	9.95	14.08	21.04
10000	3.96	5.05	5.71	6.10	6.31	6.66	7.31	7.66	8.92	10.08	11.76	16.61	23.97
PMP	7.78	9.84	11.48	12.60	13.36	14.07	15.43	16.60	19.30	21.91	25.42	35.76	53.51
MEAN	1.272	1.479	1.654	1.812	1.954	2.082	2.288	2.477	2.905	3.220	3.846	5.522	9.974
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.589	1.071	0.766	0.682	0.620	0.609	0.780	0.861	0.869	0.825	0.621	1.199	1.161
REGIONAL SKEW	1.100	1.200	1.100	1.000	0.900	0.900	0.900	0.800	0.800	0.800	0.800	0.800	0.500
SKEW USED	1.100	1.200	1.100	1.000	0.900	0.900	0.900	0.800	0.800	0.800	0.800	0.800	0.500
KURTOSIS	8.047	4.370	3.159	3.392	3.268	3.496	2.998	3.108	3.065	3.308	2.539	4.558	4.475
N	54	54	54	54	54	54	54	54	54	54	54	54	54
RECORD YEAR	1911	1911	1956	1956	1956	1956	1911	1962	1922	1928	1958	1938	1969
RECORD MAXIMUM	2.750	2.750	2.910	3.360	3.750	4.020	4.200	4.680	5.580	6.530	7.340	11.600	20.180
NORMALIZED MAX	3.383	2.689	2.394	2.559	2.735	2.812	2.359	2.454	2.429	2.716	2.439	3.005	2.952
CALC. COEF. VAR	0.343	0.320	0.317	0.334	0.336	0.331	0.354	0.362	0.379	0.378	0.372	0.366	0.347
REGION. COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.387	0.374	0.365	0.291
USED COEF. VAR	0.341	0.377	0.396	0.397	0.389	0.384	0.383	0.380	0.376	0.387	0.374	0.365	0.291
MEAN/A	1.1276	1.1483	1.1659	1.1817	1.1959	1.2087	1.2294	1.2484	1.2914	1.3229	1.3856	1.5536	1.0000
RP10/A	1.0559	1.2232	1.2539	1.2784	1.2980	1.3160	1.3470	1.3745	1.4378	1.4898	1.5783	1.8237	1.3850
RP25/A	1.2174	1.2649	1.3051	1.3290	1.3497	1.3705	1.4067	1.4365	1.5097	1.5719	1.6730	1.9564	1.5559
RP50/A	1.2400	1.2950	1.3356	1.3650	1.3863	1.4089	1.4488	1.4799	1.5601	1.6294	1.7393	1.0493	1.6725
RP100/A	1.2686	1.3243	1.3686	1.3997	1.4213	1.4458	1.4922	1.5212	1.6081	1.6841	1.8025	1.1378	1.7815
RP1000/A	1.3309	1.4174	1.4728	1.5085	1.5303	1.5604	1.6148	1.6490	1.7564	1.8532	1.9977	1.4113	2.1090
RP10000/A	1.3966	1.5667	1.5721	1.6113	1.6325	1.6679	1.7326	1.7676	1.8941	1.0102	1.1789	1.6653	2.4030
PMP/A	7.800	9.866	1.1511	1.2636	1.3391	1.4110	1.5471	1.6641	1.9347	2.1971	2.5488	3.5848	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 800 5368 0	STATION NAME MARSHALL RANCH	ELEV 351	SEC 60	TWP 16	RNG LOT 03N 07E P	BWM M	LATITUDE 38+103	LONGITUDE 121+216	COUNTY CODE 39				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.66	2.05	2.33	2.55	2.79	3.01	3.33	3.62	4.25	4.73	5.51	8.05	15.30
5	2.22	2.82	3.25	3.54	3.84	4.14	4.58	4.94	5.79	6.49	7.48	10.66	19.36
10	2.58	3.32	3.85	4.17	4.50	4.83	5.25	5.74	6.72	7.67	8.69	12.58	21.71
20	2.92	3.80	4.40	4.75	5.10	5.47	6.05	6.47	7.57	8.54	9.78	14.13	23.77
25	3.02	3.95	4.57	4.93	5.28	5.67	6.27	6.69	7.83	8.84	10.11	14.61	24.39
40	3.07	4.25	4.85	5.30	5.66	6.07	6.71	7.15	8.36	9.44	10.80	15.58	25.64
50	3.33	4.40	5.08	5.47	5.83	6.26	6.92	7.36	8.60	9.72	11.11	16.03	26.22
100	3.64	4.83	5.58	5.99	6.36	6.82	7.54	7.99	9.34	10.57	12.06	17.38	27.93
200	3.93	5.26	6.07	6.49	6.87	7.36	8.14	8.60	10.05	11.38	12.97	18.68	29.55
1000	4.60	6.22	7.16	7.62	8.01	8.57	9.48	9.95	11.61	13.10	14.99	21.56	33.06
10000	5.51	7.55	8.66	9.16	9.55	10.22	11.29	11.77	13.73	15.61	17.72	25.43	37.67
PHP	10.84	14.70	17.43	18.93	20.21	21.59	23.84	25.52	29.70	33.95	38.30	54.75	84.10
MEAN	1.772	2.208	2.512	2.722	2.957	3.193	3.535	3.809	4.474	4.989	5.795	8.456	15.675
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.291	.596	.755	.860	1.075	.857	.333	.288	.534	.653	.870	.898	.894
REGIONAL SKEW	1.103	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400	.300	.200	.100
SKEW USED	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400	.300	.200	.100
KURTOSIS	2.889	2.717	3.135	3.107	2.562	2.961	2.889	2.595	2.675	3.324	3.766	3.273	3.279
N	38	38	38	38	38	38	37	37	37	37	37	37	38
RECORD YEAR	1937	1967	1956	1956	1956	1956	1956	1956	1958	1958	1958	1936	1958
RECORD MAXIMUM	2.260	3.490	4.420	5.180	5.180	5.670	6.310	6.570	7.680	9.350	10.610	15.410	27.760
NORMALIZED MAX	1.103	1.480	1.217	1.256	1.238	1.403	2.077	2.173	2.510	2.519	2.617	2.567	2.567
CALC. COEF. VAR	.229	.309	.352	.355	.323	.312	.310	.318	.330	.328	.330	.340	.300
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1131	.1409	.1602	.1737	.1887	.2037	.2255	.2430	.2854	.3183	.3697	.5394	1.0000
RP10/A	.1647	.2121	.2453	.2661	.2869	.3084	.3411	.3664	.4288	.4829	.5544	.8026	1.3850
RP25/A	.1927	.2518	.2913	.3145	.3368	.3617	.3998	.4281	.4993	.5530	.6452	.9319	1.5559
RP50/A	.2127	.2804	.3242	.3489	.3720	.3991	.4413	.4695	.5486	.6204	.7088	1.0224	1.6725
RP100/A	.2320	.3082	.3561	.3821	.4057	.4350	.4809	.5100	.5956	.6744	.7694	1.1086	1.7815
RP1000/A	.2932	.3966	.4568	.4861	.5107	.5470	.6045	.6349	.7408	.8410	.9565	1.3751	2.1090
RP10000/A	.4815	.6815	.8017	.8644	.9091	.9519	.1073	.1157	.1375	.1595	.1832	2.4030	3.6550
PHP/A	.6913	.9376	1.1120	1.2079	1.2896	1.3771	1.5210	1.6281	1.8950	2.1658	2.4435	3.4928	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 800 5535 0	STATION NAME MERCED 2	ELEV 148	SEC 19	TWP 07S	RNG LOT 14E A	BWM M	LATITUDE 37.315	LONGITUDE 120.470	COUNTY CODE 24				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.30	1.61	1.74	1.88	2.09	2.23	2.45	2.69	3.19	3.54	4.23	6.22	11.46
5	1.74	2.21	2.43	2.62	2.89	3.06	3.36	3.67	4.34	4.86	5.75	8.39	14.50
10	2.02	2.61	2.87	3.09	3.38	3.58	3.93	4.27	5.04	5.67	6.68	9.71	16.26
20	2.28	2.98	3.28	3.52	3.83	4.05	4.45	4.81	5.68	6.39	7.52	10.91	17.80
25	2.36	3.10	3.41	3.65	3.97	4.19	4.61	4.98	5.87	6.62	7.77	11.28	18.27
40	2.40	3.34	3.67	3.92	4.25	4.49	4.93	5.32	6.27	7.07	8.30	12.03	19.21
50	2.61	3.45	3.80	4.05	4.38	4.63	5.08	5.48	6.45	7.28	8.54	12.38	19.64
100	2.85	3.79	4.17	4.44	4.78	5.05	5.54	5.95	7.01	7.92	9.27	13.42	20.92
200	3.08	4.13	4.53	4.81	5.16	5.45	5.98	6.40	7.54	8.52	9.97	14.42	22.13
1000	3.60	4.88	5.35	5.64	6.02	6.35	6.96	7.40	8.72	9.87	11.52	16.65	24.76
10000	4.31	5.93	6.47	6.78	7.18	7.56	8.30	8.76	10.30	11.69	13.61	19.64	28.22
PHP	8.48	11.54	13.03	14.02	15.19	15.97	17.52	18.99	22.29	25.42	29.43	42.28	62.99
MEAN	1.387	1.734	1.877	2.016	2.223	2.363	2.598	2.834	3.358	3.736	4.452	6.530	11.742
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.276	1.010	1.014	.941	1.014	.990	1.014	.942	.836	1.014	.873	1.012	.705
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	5.544	4.481	5.064	4.325	5.103	4.403	4.260	3.898	3.093	3.755	3.438	3.842	3.363
N	77	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1951	1911	1956	1911	1956	1956	1956	1911	1969	1958	1958	1911	1958
RECORD MAXIMUM	2.690	3.540	4.170	4.300	5.270	5.290	5.590	5.940	6.880	7.710	9.600	14.630	23.390
NORMALIZED MAX	3.038	3.038	3.339	3.170	3.825	3.559	3.131	3.026	2.698	2.751	2.992	3.229	3.082
CALC. COEF. VAR	.309	.343	.366	.357	.358	.348	.368	.362	.389	.387	.386	.384	.322
REGION. COEF. VAR	.341	.377	.386	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1181	.1477	.1598	.1717	.1893	.2013	.2213	.2413	.2860	.3181	.3792	.5561	1.0000
RP10/A	.1722	.2223	.2447	.2631	.2879	.3047	.3347	.3639	.4297	.4827	.5687	.7714	1.3850
RP25/A	.2014	.2639	.2906	.3110	.3379	.3573	.3923	.4241	.5003	.5635	.6619	.9607	1.5559
RP50/A	.2223	.2939	.3235	.3450	.3733	.3943	.4329	.4663	.5497	.6202	.7271	1.0540	1.6725
RP100/A	.2405	.3230	.3557	.3778	.4071	.4286	.4719	.5068	.5968	.6729	.7822	1.1615	1.7815
RP1000/A	.3064	.4157	.4557	.4806	.5124	.5404	.5931	.6306	.7423	.8407	.9811	1.4177	2.1090
RP10000/A	.3673	.5046	.5513	.5778	.6112	.6440	.7067	.7459	.8795	.9955	1.1594	1.6728	2.4030
PHP/A	.7224	.9827	1.1093	1.1942	1.2939	1.3605	1.4924	1.6170	1.8988	2.1650	2.5065	3.6008	5.3650

PEARSON TYPE III DISTRIBUTION ESTIMATE

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5738 0	STATION NAME MODESTO	ELEV 901	SEC 29	TWP 03S	RNG 09E	LOT M	BWM M	LATITUDE 37.647	LONGITUDE 121.001	COUNTY CODE 50			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.26	1.95	1.74	1.91	2.07	2.21	2.45	2.68	3.12	3.39	3.99	5.93	11.42
5	1.68	2.14	2.42	2.66	2.86	3.04	3.36	3.65	4.24	4.65	5.43	8.01	14.46
10	1.96	2.52	2.86	3.13	3.35	3.55	3.93	4.25	4.93	5.42	6.30	9.27	16.22
20	2.21	2.88	3.27	3.57	3.79	4.02	4.44	4.79	5.55	6.12	7.09	10.42	17.75
25	2.29	2.99	3.40	3.70	3.93	4.17	4.60	4.95	5.74	6.33	7.33	10.77	18.22
40	2.33	3.22	3.46	3.98	4.21	4.46	4.93	5.29	6.13	6.76	7.83	11.48	19.15
50	2.53	3.33	3.70	4.11	4.34	4.60	5.08	5.44	6.30	6.96	8.06	11.81	19.58
100	2.76	3.66	4.16	4.50	4.73	5.01	5.54	5.91	6.85	7.57	8.75	12.81	20.86
200	2.98	3.99	4.52	4.88	5.11	5.41	5.96	6.30	7.36	8.15	9.41	13.77	22.07
1000	4.08	4.71	5.33	5.73	5.96	6.30	6.96	7.36	8.51	9.44	10.87	15.89	24.67
10000	4.18	5.72	6.45	6.88	7.11	7.51	8.29	8.71	10.06	11.18	12.85	18.75	28.13
PMP	8.22	11.14	12.98	14.23	15.05	15.87	17.51	18.88	21.78	24.31	27.77	40.36	62.81
MEAN	1.343	1.674	1.870	2.046	2.201	2.348	2.595	2.818	3.280	3.573	4.202	6.233	11.708
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.023	.988	1.210	1.096	1.066	.977	.744	.628	.191	.206	.401	.530	.366
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	4.244	4.845	5.189	4.941	4.843	4.435	3.924	3.763	3.008	3.335	3.948	3.444	3.065
N	86	87	87	87	87	87	87	87	87	87	87	87	87
RECORD YEAR	1893	1958	1958	1914	1914	1914	1958	1962	1958	1958	1958	1958	1958
RECORD MAXIMUM	2.370	3.640	4.080	4.450	4.810	4.870	5.230	5.390	5.850	6.900	8.880	13.090	23.040
NORMALIZED HRA	2.423	3.357	3.345	3.339	3.339	3.135	3.081	2.854	2.591	3.064	3.424	3.010	2.843
CALC. COEF. VAR	.341	.350	.353	.352	.355	.343	.329	.320	.302	.304	.325	.366	.329
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1148	.1430	.1597	.1747	.1880	.2005	.2217	.2407	.2801	.3052	.3589	.5324	1.0000
RP10/A	.1672	.2153	.2445	.2677	.2859	.3036	.3354	.3629	.4209	.4630	.5383	.7920	1.3850
RP25/A	.1956	.2555	.2904	.3164	.3356	.3560	.3931	.4224	.4901	.5405	.6264	.9168	1.5559
RP50/A	.2159	.2846	.3232	.3511	.3707	.3929	.4338	.4650	.5385	.5940	.6882	1.0090	1.6725
RP100/A	.2355	.3128	.3549	.3844	.4043	.4282	.4728	.5051	.5847	.6466	.7470	1.0941	1.7815
RP1000/A	.2976	.4026	.4553	.4891	.5085	.5384	.5942	.6288	.7272	.8064	.9286	1.3571	2.1090
RP10000/A	.3568	.4887	.5509	.5880	.6070	.6417	.7081	.7438	.8596	.9548	1.0773	1.6013	2.4630
PMP/A	.7017	.9517	1.1085	1.2153	1.2851	1.3556	1.4952	1.6125	1.8602	2.0765	2.3723	3.4470	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 5619 11	STATION NAME MONTPELIER	ELEV 414	SEC 22S	TWP 36	RNG 04S	LOT 11E	BWM M	LATITUDE 37.550	LONGITUDE 120.700	COUNTY CODE 50			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.57	1.74	2.14	2.31	2.45	2.62	2.83	3.04	3.55	3.92	4.66	6.74	12.14
5	2.10	2.40	2.98	3.21	3.38	3.59	3.89	4.15	4.83	5.38	6.33	9.10	15.37
10	2.44	2.83	3.52	3.79	3.96	4.20	4.54	4.83	5.61	6.27	7.35	10.54	17.23
20	2.75	3.24	4.03	4.31	4.48	4.75	5.14	5.44	6.31	7.08	8.27	11.84	18.86
25	2.85	3.36	4.19	4.47	4.64	4.92	5.33	5.62	6.53	7.32	8.55	12.24	19.38
40	2.90	3.62	4.28	4.81	4.97	5.27	5.70	6.01	6.97	7.83	9.13	13.05	20.35
50	3.15	3.74	4.66	4.96	5.13	5.43	5.88	6.18	7.18	8.06	9.39	13.43	20.81
100	3.43	4.11	5.12	5.44	5.59	5.92	6.41	6.72	7.79	8.76	10.19	14.56	22.16
200	3.71	4.48	5.56	5.89	6.04	6.39	6.92	7.23	8.38	9.43	10.97	15.55	23.45
1000	4.34	5.29	6.56	6.92	7.04	7.45	8.05	8.36	9.69	10.92	12.67	18.06	26.24
10000	5.20	6.43	7.94	8.31	8.40	8.87	9.59	9.89	11.45	12.94	14.98	21.31	29.90
PMP	10.23	12.52	15.98	17.18	17.77	18.75	20.26	21.44	24.79	28.13	32.38	45.87	66.74
MEAN	1.672	1.881	2.302	2.471	2.601	2.773	3.003	3.200	3.733	4.134	4.898	7.084	12.441
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.148	.619	.838	.759	.826	.773	.715	.690	1.083	1.195	.450	.490	.314
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	2.069	3.329	3.862	2.880	3.089	3.240	3.506	3.936	4.233	4.229	2.621	3.110	3.060
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1907	1907	1911	1911	1914	1911	1911	1911	1911	1906	1911	1911	1906
RECORD MAXIMUM	2.300	2.830	4.080	4.180	4.410	4.890	5.440	6.130	6.980	8.030	9.010	13.540	16.980
NORMALIZED MAX	1.300	1.866	2.299	2.014	2.005	2.184	2.404	2.440	2.465	2.247	2.119	2.347	1.034
CALC. COEF. VAR	.289	.271	.332	.339	.347	.350	.338	.375	.350	.391	.396	.388	.287
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1344	.1512	.1851	.1986	.2090	.2229	.2414	.2572	.3001	.3323	.3937	.5694	1.0000
RP10/A	.1959	.2276	.2833	.3043	.3179	.3375	.3682	.3878	.4508	.5042	.5905	.8472	1.3850
RP25/A	.2291	.2702	.3384	.3596	.3732	.3957	.4280	.4520	.5249	.5886	.6872	.9837	1.5559
RP50/A	.2529	.3009	.3745	.3990	.4122	.4367	.4724	.4970	.5768	.6478	.7549	1.0793	1.6725
RP100/A	.2759	.3307	.4113	.4369	.4495	.4760	.5148	.5398	.6262	.7041	.8194	1.1703	1.7815
RP1000/A	.3487	.4256	.5275	.5558	.5659	.5959	.6471	.6721	.7769	.8781	1.0167	1.4516	2.1090
RP10000/A	.4179	.5167	.6303	.6683	.6749	.7133	.7711	.7949	.9207	1.0398	1.2038	1.7128	2.4030
PMP/A	.8220	1.0691	1.2843	1.3812	1.4288	1.5060	1.6283	1.7234	1.9924	2.2613	2.6025	3.6870	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
800 6168 0	NEWMAN	108	12	075	08E	M	37.342	121.088	50				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.30	1.61	1.80	1.94	2.08	2.20	2.43	2.61	3.04	3.33	3.86	5.67	9.94
5	1.74	2.22	2.51	2.69	2.86	3.02	3.33	3.56	4.14	4.46	5.25	7.65	12.58
10	2.02	2.62	2.97	3.17	3.35	3.53	3.89	4.14	4.81	5.32	6.10	8.86	14.11
20	2.28	3.00	3.39	3.61	3.79	4.00	4.41	4.67	5.41	6.00	6.86	9.95	15.45
25	2.36	3.11	3.53	3.75	3.93	4.14	4.56	4.83	5.60	6.21	7.10	10.29	15.85
40	2.40	3.36	3.59	4.03	4.21	4.43	4.89	5.16	5.98	6.64	7.57	10.97	16.66
50	2.61	3.47	3.72	4.16	4.34	4.57	5.04	5.31	6.15	6.83	7.80	11.29	17.04
100	2.85	3.81	4.31	4.55	4.74	4.96	5.49	5.77	6.68	7.43	8.46	12.24	18.15
200	3.08	4.15	4.69	4.94	5.12	5.38	5.93	6.21	7.19	8.00	9.10	13.15	19.20
1000	3.60	4.91	5.53	5.79	5.96	6.26	6.96	7.18	8.31	9.26	10.52	15.18	21.48
10000	4.31	5.96	6.69	6.96	7.11	7.46	8.22	8.49	9.82	10.97	12.43	17.91	24.48
PMP	8.48	11.60	13.46	14.40	15.05	15.76	17.36	18.41	21.25	23.85	26.87	38.56	54.65
MEAN	1.387	1.743	1.939	2.070	2.202	2.332	2.573	2.748	3.200	3.505	4.066	5.955	10.166
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.567	.891	.709	.571	.537	.341	.476	.574	.692	.686	.772	.880	.743
REGIONAL SKEW	1.100	1.200	1.100	1.000	.960	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.960	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	2.921	3.529	3.253	2.722	2.952	2.537	2.684	2.903	3.118	3.026	3.054	3.581	3.264
N	76	76	76	76	76	76	76	76	76	76	76	76	77
RECORD YEAR	1971	1971	1971	1971	1971	1971	1971	1962	1963	1958	1958	1958	1958
RECORD MAXIMUM	2.300	3.420	3.970	4.080	4.270	4.380	4.780	5.370	6.650	6.940	8.310	12.630	20.540
NORMALIZED MAX	1.886	2.527	2.778	2.563	2.600	2.418	2.310	2.571	2.818	2.631	2.658	2.802	2.934
CALC. COEF. VAR	.349	.381	.377	.379	.361	.364	.371	.371	.383	.373	.393	.400	.346
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1361	.1711	.1910	.2032	.2162	.2289	.2526	.2698	.3141	.3441	.3991	.5846	1.0000
RP10/A	.1984	.2576	.2915	.3113	.3288	.3466	.3822	.4068	.4720	.5221	.5986	.8698	1.3850
RP25/A	.2320	.3058	.3461	.3680	.3859	.4063	.4479	.4741	.5496	.6095	.6967	1.0099	1.5559
RP50/A	.2561	.3405	.3853	.4083	.4263	.4485	.4943	.5212	.6039	.6707	.7653	1.1080	1.4725
RP100/A	.2794	.3743	.4231	.4470	.4649	.4889	.5388	.5661	.6556	.7291	.8307	1.2015	1.7815
RP1000/A	.3531	.4817	.5427	.5687	.5852	.6146	.6772	.7049	.8155	.9093	1.0327	1.4903	2.1090
RP10000/A	.4232	.5848	.6567	.6837	.6980	.7325	.8069	.8337	.9839	1.0767	1.2203	1.7584	2.4030
PMP/A	.8324	1.1387	1.3213	1.4132	1.4777	1.5475	1.7040	1.8074	2.0859	2.3415	2.6383	3.7553	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 8322 0	STATION NAME SNOW RANCH		ELEV 240	SEC 12	TWP 01N	RNG 10E	LOT 0	BWM M	LATITUDE 37.946	LONGITUDE 120.821	COUNTY CODE 50	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	200	300	600	F YR
2	1.55	2.03	2.33	2.53	2.79	2.96	3.31	3.69	4.74	5.67	8.93	16.37
5	2.07	2.80	3.25	3.52	3.84	4.07	4.54	5.03	6.50	7.70	12.05	20.00
10	2.41	3.30	3.84	4.15	4.50	4.75	5.31	5.65	7.57	8.94	13.95	23.64
20	2.72	3.77	4.39	4.73	5.09	5.38	6.00	6.40	8.55	10.06	15.67	26.13
25	2.82	3.92	4.56	4.90	5.28	5.57	6.22	6.82	8.84	10.40	16.20	26.89
40	2.98	4.23	4.84	5.27	5.65	5.97	6.66	7.29	9.45	11.11	17.28	28.45
50	3.11	4.37	5.07	5.44	5.83	6.15	6.86	7.50	9.73	11.43	17.78	29.17
100	3.39	4.80	5.57	5.96	6.36	6.70	7.48	8.15	10.58	12.41	19.27	31.34
200	3.67	5.22	6.06	6.46	6.87	7.24	8.08	8.77	11.39	13.35	20.72	33.43
1000	4.29	6.18	7.15	7.58	8.00	8.43	9.40	10.14	13.19	15.42	23.91	38.04
10000	5.14	7.50	8.65	9.11	9.54	10.05	11.20	12.03	15.62	18.23	28.21	44.27
PMP	10.11	14.66	17.40	18.84	20.20	21.22	23.66	25.01	33.97	39.40	60.73	91.32
MEAN	1.653	2.194	2.508	2.708	2.956	3.139	3.508	3.683	4.993	5.961	9.378	17.021
CLOCK HR. COR.	1.140	1.070	1.050	1.040	1.030	1.020	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	1.616	.770	.579	.245	.241	.394	.723	.894	.439	.413	.642	.225
REGIONAL SKEW	1.100	1.200	1.100	1.000	.960	.900	.900	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.960	.900	.900	.800	.800	.800	.800	.500
KURTOSIS	5.552	3.554	2.762	2.434	2.822	3.090	4.114	3.367	2.692	2.894	3.084	2.360
N	33	33	33	33	33	33	33	33	32	32	32	32
RECORD YEAR	1964	1938	1958	1958	1958	1958	1962	1962	1958	1936	1936	1958
RECORD MAXIMUM	3.010	3.600	4.230	4.460	4.860	5.400	6.340	7.240	8.280	9.830	16.230	26.320
NORMALIZED MAX	2.486	2.130	2.058	2.041	2.275	2.424	2.621	2.546	2.991	2.688	2.937	2.095
CALC. COEF. VAR	.333	.301	.334	.317	.283	.294	.308	.340	.315	.311	.310	.261
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.387	.374	.365	.291
MEAN/A	.0971	.1289	.1473	.1591	.1737	.1844	.2061	.2281	.2933	.3502	.5510	1.0000
RP10/A	.1415	.1941	.2256	.2438	.2641	.2793	.3118	.3440	.4450	.5253	.8198	1.3889
RP25/A	.1627	.2304	.2679	.2882	.3100	.3274	.3654	.4009	.5198	.6113	.9518	1.5600
RP50/A	.1827	.2566	.2982	.3197	.3424	.3614	.4033	.4407	.5718	.6715	1.0443	1.7138
RP100/A	.1993	.2820	.3274	.3501	.3735	.3939	.4395	.4787	.6215	.7289	1.1324	1.8413
RP1000/A	.2518	.3630	.4200	.4454	.4701	.4952	.5525	.5960	.7751	.9062	1.4044	2.2351
RP10000/A	.3019	.4468	.5082	.5354	.5607	.5902	.6543	.7058	.9178	1.0708	1.6574	2.6009
PMP/A	.5937	.8580	1.0226	1.1067	1.1871	1.2469	1.3901	1.5284	1.9960	2.3150	3.5677	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 800 8560 0	STATION NAME STOCKTON F54	ELEV 131	SEC 12	TWP 21	RNG LOT 02N	BWM 06E A	LATITUDE M	LONGITUDE 38.000	COUNTY CODE 121-316	COUNTY CODE 39			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.49	1.87	2.10	2.30	2.53	2.69	2.97	3.30	3.83	4.23	5.02	7.40	13.78
5	1.99	2.58	2.93	3.19	3.49	3.70	4.08	4.50	5.21	5.80	6.83	9.99	17.45
10	2.32	3.04	3.47	3.76	4.09	4.32	4.76	5.23	6.05	6.76	7.93	11.57	19.56
20	2.62	3.48	3.96	4.28	4.63	4.89	5.39	5.89	6.81	7.62	8.92	12.99	21.62
25	2.71	3.61	4.12	4.45	4.80	5.07	5.58	6.10	7.05	7.89	9.23	13.43	21.98
40	2.75	3.69	4.19	4.78	5.14	5.43	5.98	6.51	7.52	8.43	9.85	14.32	23.11
50	2.99	4.02	4.58	4.93	5.30	5.59	6.16	6.70	7.74	8.68	10.13	14.73	23.62
100	3.26	4.42	5.03	5.40	5.78	6.10	6.72	7.28	8.41	9.43	11.00	15.98	25.17
200	3.53	4.81	5.47	5.86	6.24	6.58	7.25	7.84	9.04	10.16	11.83	17.17	26.63
1000	4.12	5.69	6.46	6.87	7.27	7.66	8.44	9.07	10.46	11.77	13.68	19.82	29.79
10000	4.94	6.91	7.81	8.26	8.68	9.13	10.06	10.72	12.36	13.43	15.16	23.38	31.94
PMP	9.72	13.46	15.72	17.07	18.37	19.30	21.24	23.25	26.74	30.30	34.94	50.34	75.79
MEAN	1.589	2.022	2.265	2.455	2.687	2.855	3.149	3.470	4.028	4.453	5.286	7.774	14.126
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.760	1.181	1.104	1.070	1.037	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	7.462	4.905	4.601	3.639	3.363	3.269	2.474	2.495	2.462	3.534	4.142	3.600	2.530
RECORD YEAR	78	78	78	78	78	78	78	78	78	78	78	78	78
RECORD MAXIMUM	1963	1963	1963	1963	1967	1967	1956	1899	1911	1911	1911	1911	1958
NORMALIZED MAX	3.200	4.300	5.100	5.110	5.400	5.520	5.700	6.220	7.430	9.740	11.950	16.500	25.210
CALC. COEF. VAR	3.061	3.206	3.335	3.027	2.929	2.689	2.393	2.311	2.434	3.296	3.548	3.293	2.710
REGION. COEF. VAR	.331	.351	.375	.357	.345	.347	.338	.343	.347	.364	.355	.358	.290
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
PHP	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	1.125	1.432	1.603	1.738	1.902	2.021	2.229	2.456	2.851	3.152	3.742	5.503	1.0000
RP10/A	1.639	2.155	2.400	2.582	2.893	3.080	3.372	3.704	4.284	4.783	5.612	8.188	1.3850
RP25/A	1.917	2.558	2.914	3.147	3.396	3.587	3.953	4.317	4.988	5.584	6.531	9.507	1.5559
RP50/A	2.217	2.849	3.244	3.492	3.751	3.959	4.362	4.746	5.481	6.145	7.175	1.0431	1.6725
RP100/A	2.309	3.131	3.563	3.823	4.091	4.316	4.754	5.155	5.951	6.679	7.768	1.1310	1.7815
RP1000/A	2.918	4.030	4.570	4.864	5.150	5.426	5.976	6.415	7.402	8.330	9.882	1.4029	2.1050
RP10000/A	3.948	4.692	5.529	5.846	6.142	6.467	7.121	7.591	8.749	9.963	1.1440	1.6554	2.4030
RMP/A	6.879	9.527	11.126	1.2087	1.3003	1.3661	1.5036	1.6457	1.8933	2.1451	2.4733	3.5634	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 800 9673 0	STATION NAME TURLUCK	ELEV 192	SEC 115	TWP 22	RNG LOT 05S 10E 0	BWM M	LATITUDE 37.491	LONGITUDE 120+850	COUNTY CODE 50				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.31	1.59	1.76	1.88	2.07	2.21	2.45	2.64	3.13	3.45	4.14	6.19	11.40
5	1.76	2.19	2.45	2.62	2.86	3.04	3.36	3.61	4.25	4.73	5.63	8.35	14.42
10	2.04	2.59	2.90	3.08	3.35	3.58	3.93	4.19	4.94	5.52	6.54	9.67	16.17
20	2.30	2.96	3.31	3.51	3.79	4.02	4.44	4.72	5.56	6.22	7.35	10.86	17.71
25	2.39	3.07	3.44	3.64	3.93	4.16	4.60	4.89	5.75	6.44	7.61	11.23	18.17
40	2.43	3.31	3.50	3.92	4.21	4.46	4.93	5.22	6.14	6.88	8.12	11.97	19.10
50	2.63	3.42	3.83	4.04	4.34	4.60	5.08	5.37	6.32	7.09	8.35	12.32	19.53
100	2.67	3.76	4.21	4.43	4.73	5.01	5.54	5.84	6.86	7.70	9.07	13.36	20.80
200	3.11	4.09	4.57	4.80	5.11	5.41	5.98	6.28	7.38	8.30	9.74	14.36	22.01
1000	3.63	4.84	5.39	5.63	5.98	6.30	6.96	7.27	8.54	9.61	11.27	16.57	24.63
10000	4.35	5.88	6.53	6.77	7.10	7.51	8.29	8.59	10.03	11.38	13.32	19.55	28.04
PHP	8.56	11.44	13.13	13.99	15.04	15.86	17.51	18.63	21.83	24.74	28.80	42.08	62.65
MEAN	1.400	1.719	1.892	2.012	2.200	2.346	2.596	2.781	3.288	3.636	4.357	6.499	11.678
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.452	.826	.831	.723	.602	.519	.650	.559	.522	.607	.717	.743	.415
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.243	4.450	4.430	3.623	3.286	3.087	3.117	3.030	2.652	2.980	3.380	3.463	2.665
RECORD YEAR	81	81	81	81	81	81	81	81	81	81	81	81	81
RECORD MAXIMUM	1916	1907	1907	1907	1907	1907	1969	1969	1969	1969	1958	1938	1958
NORMALIZED MAX	2.240	3.320	4.000	4.060	4.240	4.300	4.960	5.060	5.650	6.580	9.030	13.400	20.740
CALC. COEF. VAR	2.176	3.199	3.511	3.112	2.907	2.723	2.791	2.623	2.281	2.445	3.114	2.857	2.591
REGION. COEF. VAR	.278	.291	.317	.327	.319	.308	.326	.312	.315	.331	.374	.372	.300
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	1.198	1.472	1.621	1.723	1.884	2.009	2.223	2.382	2.816	3.114	3.731	5.565	1.0000
RP10/A	1.746	2.216	2.481	2.640	2.865	3.042	3.363	3.591	4.231	4.724	5.596	8.280	1.3850
RP25/A	2.043	2.631	2.946	3.120	3.363	3.566	3.942	4.185	4.928	5.516	6.513	9.614	1.5559
RP50/A	2.255	2.930	3.279	3.462	3.715	3.936	4.351	4.602	5.433	6.070	7.155	1.0548	1.6729
RP100/A	2.320	3.220	3.601	3.771	4.051	4.291	4.762	4.998	5.877	6.596	7.766	1.1438	1.7815
RP1000/A	3.108	4.144	4.620	4.822	5.100	5.394	5.960	6.223	7.310	8.229	9.655	14.167	2.1050
RP10000/A	3.726	5.031	5.590	5.798	6.083	6.429	7.102	7.360	8.640	9.743	1.1409	1.6740	2.4030
PHP/A	7.329	9.797	1.1247	1.1983	1.2877	1.3581	1.4996	1.5957	1.8698	2.1190	2.4665	3.6035	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 9418 0	STATION NAME WALLACE	ELEV 361	SEC 214	TWP 22	RNG LOT 04N 09E J	BWM M	LATITUDE 38.182	LONGITUDE 120.962	COUNTY CODE 05				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.04	2.47	2.80	3.03	3.31	3.58	3.92	4.30	5.17	5.73	6.82	10.07	18.81
5	2.73	3.40	3.90	4.21	4.56	4.91	5.38	5.87	7.03	7.81	9.27	13.59	23.81
10	3.17	4.01	4.61	4.96	5.34	5.74	6.29	6.83	8.17	9.13	10.76	15.74	26.70
20	3.58	4.58	5.27	5.65	6.05	6.50	7.12	7.70	9.19	10.30	12.11	17.68	29.23
25	3.71	4.75	5.48	5.86	6.27	6.73	7.37	7.96	9.51	10.65	12.53	18.27	29.99
40	3.77	5.12	5.58	6.30	6.72	7.21	7.89	8.51	10.15	11.39	13.37	19.49	31.54
50	4.09	5.30	6.10	6.50	6.92	7.43	8.13	8.76	10.45	11.73	13.76	20.05	32.24
100	4.46	5.82	6.70	7.12	7.55	8.10	8.87	9.51	11.34	12.74	14.94	21.74	34.36
200	4.83	6.33	7.28	7.72	8.16	8.75	9.57	10.24	12.20	13.73	16.07	23.36	36.34
1000	5.64	7.49	8.59	9.06	9.50	10.18	11.14	11.84	14.11	15.90	18.57	26.96	40.66
10000	6.76	9.09	10.40	10.89	11.39	12.14	13.28	14.00	16.68	18.82	21.94	31.81	46.33
PMP	13.30	17.71	20.92	22.51	24.00	25.64	28.04	30.36	36.09	40.93	47.44	68.49	103.43
MEAN	2.175	2.661	3.014	3.237	3.511	3.793	4.157	4.532	5.435	6.005	7.176	10.577	19.278
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.801	.996	.707	.561	.748	.670	.638	.497	.560	.869	.682	.625	.367
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.448	4.083	2.982	2.563	3.101	3.173	3.290	3.115	2.980	4.088	3.249	2.951	2.214
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1960	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	3.600	4.980	5.640	5.650	6.500	6.990	7.850	8.170	9.870	12.160	12.760	19.590	30.570
NORMALIZED MAX	2.111	2.663	2.578	2.213	2.758	2.692	2.862	2.644	2.449	2.958	2.398	2.541	2.198
CALC. COEF. VAR	.310	.316	.337	.339	.339	.313	.310	.304	.333	.334	.324	.336	.266
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USEO COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1122	.1380	.1563	.1679	.1821	.1968	.2156	.2351	.2819	.3120	.3723	.5487	1.0000
RP10/A	.1644	.2678	.2394	.2573	.2770	.2979	.3262	.3544	.4236	.4574	.5583	.8163	1.3850
RP25/A	.1923	.2466	.2842	.3041	.3252	.3493	.3823	.4131	.4932	.5527	.6497	.9478	1.5559
RP50/A	.2123	.2747	.3104	.3374	.3591	.3855	.4219	.4542	.5419	.6042	.7138	1.0399	1.6725
RP100/A	.2316	.3019	.3474	.3694	.3917	.4202	.4599	.4933	.5884	.6611	.7747	1.1276	1.7815
RP1000/A	.2926	.3886	.4457	.4700	.4930	.5283	.5780	.6142	.7318	.8245	.9632	1.3986	2.1090
RP10000/A	.3508	.4717	.5393	.5650	.5881	.6296	.6888	.7265	.8651	.9763	1.1381	1.6583	2.4030
PMP/A	.6900	.9185	1.0850	1.1678	1.2449	1.3360	1.4544	1.5749	1.8720	2.1232	2.4666	3.5525	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 800 9639 0	STATION NAME WHITE ROCK	ELEV 153	SEC 353	TWP 10	RNG LOT 08N 08E M	BWM M	LATITUDE 38.564	LONGITUDE 121.060	COUNTY CODE 34				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.07	2.85	3.37	3.69	4.03	4.33	4.69	5.11	6.18	6.80	8.10	11.84	22.35
5	2.80	3.93	4.70	5.13	5.55	5.94	6.43	6.98	8.40	9.32	11.01	15.98	28.29
10	3.25	4.63	5.56	6.04	6.50	6.95	7.52	8.12	9.76	10.87	12.78	18.51	31.72
20	3.67	5.29	6.35	6.88	7.36	7.86	8.50	9.15	10.99	12.26	14.39	20.79	34.73
25	3.80	5.50	6.60	7.14	7.63	8.14	8.81	9.46	11.37	12.69	14.88	21.49	35.63
40	3.87	5.93	6.72	7.68	8.17	8.72	9.43	10.10	12.14	13.56	15.88	22.92	37.46
50	4.20	6.12	7.34	7.92	8.42	8.99	9.72	10.40	12.49	13.96	16.34	23.58	38.36
100	4.58	6.73	8.07	8.68	9.19	9.80	10.60	11.30	13.56	15.17	17.74	25.57	40.80
200	4.95	7.32	8.77	9.41	9.93	10.58	11.44	12.16	14.59	16.34	19.08	27.48	43.17
1000	5.78	8.66	10.35	11.04	11.57	12.32	13.32	14.07	16.87	18.93	22.05	31.71	48.30
10000	6.93	10.52	12.52	13.27	13.79	14.68	15.87	16.64	19.94	22.41	26.06	37.42	55.03
PMP	13.64	20.48	25.19	27.43	29.20	31.01	33.51	36.07	43.15	48.74	56.34	80.55	122.87
MEAN	2.230	3.077	3.629	3.944	4.273	4.588	4.968	5.383	6.499	7.162	8.523	12.441	22.902
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.518	.631	.644	.464	.329	.427	.511	.399	.263	.457	.531	.711	.484
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.285	2.732	2.972	2.716	2.429	2.353	2.647	2.321	2.202	2.726	2.853	2.844	2.244
N	42	42	42	42	41	41	41	41	41	41	41	41	41
RECORD YEAR	1949	1963	1963	1963	1951	1951	1956	1956	1958	1958	1956	1958	1958
RECORD MAXIMUM	3.340	5.070	6.620	7.160	7.910	7.680	8.880	9.460	10.920	13.290	15.280	21.930	36.880
NORMALIZED MAX	1.173	2.008	2.341	2.106	2.134	2.356	2.350	2.300	2.439	2.839	3.048	4.225	6.257
CALC. COEF. VAR	.287	.316	.352	.354	.344	.336	.336	.336	.340	.351	.335	.328	.270
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USEO COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0974	.1344	.1585	.1722	.1866	.2003	.2169	.2351	.2838	.3127	.3721	.5432	1.0000
RP10/A	.1419	.2263	.2426	.2638	.2837	.3033	.3282	.3544	.4264	.4745	.5581	.8082	1.3850
RP5/A	.1608	.2401	.2641	.3119	.3346	.3586	.3846	.4131	.4984	.5539	.6498	.9364	1.5559
RP20/A	.1832	.2674	.3207	.3460	.3676	.3925	.4245	.4541	.5455	.6096	.7136	1.0296	1.6725
RP100/A	.1999	.2939	.3522	.3789	.4012	.4278	.4627	.4933	.5922	.6626	.7745	1.1164	1.7815
RP1000/A	.2526	.3783	.4518	.4820	.5050	.5379	.5815	.6142	.7366	.8264	.9629	1.3840	2.1090
RP10000/A	.3028	.4592	.5466	.5795	.6023	.6441	.6929	.7284	.8707	.9785	1.1378	1.6340	2.4030
PMP/A	.5955	.8942	1.0998	1.1977	1.2751	1.3542	1.4632	1.5748	1.8843	2.1281	2.4599	3.5173	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 800 9859 0	STATION NAME YOUNGSTOWN	ELEV 362	SEC 65	TWP 20	RNG LOT 04N 07E N	BWM M	LATITUDE 38.177	LONGITUDE 121.241	COUNTY CODE 39	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	260
2	1.64	2.14	2.46	2.67	2.90	3.13	3.43	3.83	4.38	4.86
5	2.19	2.95	3.43	3.71	3.99	4.30	4.71	5.22	5.96	6.67
10	2.51	3.48	4.05	4.37	4.67	5.03	5.50	6.08	6.92	7.77
20	2.87	3.98	4.63	4.98	5.29	5.69	6.22	6.84	7.80	8.77
25	2.97	4.13	4.81	5.17	5.48	5.89	6.45	7.08	8.06	9.07
40	3.02	4.45	4.90	5.55	5.88	6.31	6.90	7.58	8.61	9.69
50	3.28	4.60	5.36	5.73	6.06	6.50	7.11	7.78	8.86	9.98
100	3.58	5.06	5.88	6.28	6.61	7.09	7.75	8.46	9.62	10.85
200	3.87	5.51	6.40	6.80	7.14	7.65	8.37	9.10	10.35	11.69
1000	4.52	6.51	7.55	7.98	8.32	8.91	9.75	10.53	11.96	13.53
10000	5.42	7.91	9.13	9.60	9.92	10.62	11.61	12.45	14.14	16.02
PMP	10.67	15.40	18.37	19.84	21.00	22.44	24.52	26.99	30.60	34.85
MEAN	1.745	2.314	2.647	2.853	3.072	3.319	3.636	4.029	4.608	5.121
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.973	.781	.738	.694	.656	.615	.574	.532	.491	.450
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400
SKEW USED	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400
KURTOSIS	4.820	3.887	2.937	2.166	2.416	2.820	3.068	2.581	2.611	3.215
N	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1963	1967	1963	1963	1956	1956	1956	1958	1958	1958
RECORD MAXIMUM	2.830	3.870	4.410	4.410	5.130	5.740	6.350	6.840	7.970	9.480
NORMALIZED MAX	2.224	2.159	1.882	1.644	2.005	2.261	2.343	2.089	2.115	2.513
CALC. COEF. VAR	.280	.312	.354	.332	.324	.323	.319	.334	.345	.351
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387
MEAN/A	.1078	.1430	.1637	.1764	.1899	.2052	.2248	.2491	.2849	.3166
RP1/A	.1572	.2153	.2506	.2702	.2868	.3106	.3400	.3755	.4288	.4803
RP2/A	.1838	.2556	.2975	.3162	.3390	.3642	.3988	.4377	.4904	.5508
RP50/A	.2029	.2846	.3312	.3543	.3744	.4020	.4398	.4812	.5476	.6171
RP100/A	.2214	.3128	.3637	.3880	.4084	.4381	.4793	.5227	.5945	.6748
RP1000/A	.2797	.4026	.4665	.4936	.5141	.5505	.6025	.6735	.7959	.9909
RP10000/A	.3353	.4888	.5645	.5934	.6131	.6565	.7179	.7697	.8741	.9966
PMP/A	.6595	.9518	1.1358	1.2266	1.2980	1.3669	1.5160	1.6687	1.8915	2.1543

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 810 3038 0	STATION NAME FIDOLETOWN LYNCH RM	ELEV 52	SEC 2140	SWP 19	RNG LOT 08N 12E P	BWM M	LATITUDE 38.526	LONGITUDE 120.700	COUNTY CODE 03	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.90	4.01	4.76	5.32	5.91	6.43	7.18	7.99	9.22	10.27
5	3.88	5.52	6.64	7.40	8.14	8.83	9.86	10.91	12.54	14.09
10	4.51	6.51	7.85	8.71	9.53	10.32	11.52	12.64	14.57	16.42
20	5.09	7.44	8.97	9.93	10.80	11.68	13.03	14.30	16.40	18.53
25	5.27	7.73	9.32	10.30	11.19	12.10	13.50	14.79	16.97	19.18
40	5.36	8.33	9.49	11.07	11.99	12.96	14.46	15.80	18.11	20.49
50	5.82	8.61	10.37	11.43	12.36	13.36	14.90	16.26	18.64	21.10
100	6.35	9.46	11.39	12.51	13.48	14.56	16.24	17.66	20.24	22.94
200	6.86	10.30	12.38	13.56	14.56	15.72	17.53	19.01	21.78	24.70
1000	8.02	12.18	14.61	15.92	16.97	18.30	20.41	21.99	25.18	28.61
10000	9.61	14.79	17.68	19.14	20.24	21.81	24.32	26.01	29.76	33.87
PMP	18.91	28.80	35.57	39.58	42.85	46.08	51.35	56.39	64.40	73.67
MEAN	3.092	4.327	5.125	5.687	6.269	6.817	7.614	8.416	9.698	10.826
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.822	1.175	1.219	1.090	.869	.814	.590	.515	.430	.345
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400
SKEW USED	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400
KURTOSIS	3.714	3.961	4.147	4.050	3.593	3.466	2.895	2.874	2.652	3.853
N	37	37	37	37	37	37	37	37	37	37
RECORD YEAR	1963	1963	1956	1963	1951	1956	1956	1956	1965	1956
RECORD MAXIMUM	4.970	7.850	9.950	11.690	12.800	12.840	13.790	15.190	16.750	21.740
NORMALIZED MAX	1.989	2.376	2.439	2.583	2.424	2.337	2.238	2.253	2.125	2.829
CALC. COEF. VAR	.1305	.343	.386	.409	.390	.378	.362	.357	.342	.356
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387
MEAN/A	.0841	.1177	.1394	.1547	.1705	.1854	.2071	.2289	.2638	.2944
RP1/A	.1226	.1772	.2134	.2370	.2593	.2807	.3132	.3451	.3963	.4467
RP2/A	.1453	.2103	.2534	.2801	.3044	.3291	.3671	.4022	.4614	.5215
RP50/A	.1592	.2342	.2821	.3108	.3362	.3632	.4052	.4422	.5079	.5739
RP100/A	.1726	.2574	.3098	.3403	.3666	.3949	.4416	.4803	.5505	.6238
RP1000/A	.2181	.3313	.3973	.4329	.4615	.4978	.5551	.5981	.6847	.7780
RP10000/A	.2615	.4022	.4808	.5205	.5504	.5932	.6614	.7074	.8093	.9212
PMP/A	.5143	.7832	.9673	1.0758	1.1653	1.2532	1.3967	1.5336	1.7513	2.0035

2.90	4.01	4.76	5.32	5.91	6.43	7.18	7.99	9.22	10.27	12.38	18.64	35.88
3.88	5.52	6.64	7.40	8.14	8.83	9.86	10.91	12.54	14.09	16.82	25.16	45.42
4.51	6.51	7.85	8.71	9.53	10.32	11.52	12.64	14.57	16.42	19.14	28.91	55.46
5.09	7.44	8.97	9.93	10.80	11.68	13.03	14.30	16.40	18.53	21.98	32.73	55.45
5.27	7.73	9.32	10.30	11.19	12.10	13.50	14.79	16.97	19.18	22.73	33.03	57.21
5.36	8.33	9.49	11.07	11.99	12.96	14.46	15.80	18.11	20.49	24.26	36.08	60.15
5.82	8.61	10.37	11.43	12.36	13.36	14.90	16.26	18.64	21.10	24.97	37.12	65.60
6.35	9.46	11.39	12.51	13.48	14.56	16.24	17.66	20.24	22.94	27.10	40.25	65.51
6.86	10.30	12.38	13.56	14.56	15.72	17.53	19.01	21.78	24.70	29.15	43.27	69.31
8.02	12.18	14.61	15.92	16.97	18.30	20.41	21.99	25.18	28.61	33.69	49.83	77.55
9.61	14.79	17.68	19.14	20.24	21.81	24.32	26.01	29.76	33.87	39.63	58.30	88.36
18.91	28.80	35.57	39.58	42.85	46.08	51.35	56.39	64.40	73.67	86.07	126.82	197.27
MEAN	3.092	4.327	5.125	5.687	6.269	6.817	7.614	8.416	9.698	10.826	13.022	19.586
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.822	1.175	1.219	1.090	.869	.814	.590	.515	.430	.345	.080	1.000
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400	.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	.900	.800	.700	.600	.500	.400	.000	.500
KURTOSIS	3.714	3.961	4.147	4.050	3.593	3.466	2.895	2.874	2.652	3.853	2.907	2.772
N	37	37	37	37	37	37	37	37	37	37	37	37
RECORD YEAR	1963	1963	1956	1963	1951	1956	1956	1956	1965	1965	1956	1973
RECORD MAXIMUM	4.970	7.850	9.950	11.690	12.800	12.840	13.790	15.190	16.750	21.740	23.210	34.160
NORMALIZED MAX	1.989	2.376	2.439	2.583	2.424	2.337	2.238	2.253	2.125	2.829	2.108	2.223
CALC. COEF. VAR	.1305	.343	.386	.409	.390	.378	.362	.357	.342	.356	.348	1.742
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365
MEAN/A	.0841	.1177	.1394	.1547	.1705	.1854	.2071	.2289	.2638	.2944	.3541	.5327
RP1/A	.1226	.1772	.2134	.2370	.2593	.2807	.3132	.3451	.3963	.4467	.5312	.7799
RP2/A	.1453	.2103	.2534	.2801	.3044	.3291	.3671	.4022	.4614	.5215	.6194	.9202
RP50/A	.1592	.2342	.2821	.3108	.3362	.3632	.4052	.4422	.5079	.5739	.6790	1.0096
RP100/A	.1726	.2574	.3098	.3403	.3666	.3949	.4416	.4803	.5505	.6238	.7371	1.0948
RP1000/A	.2181	.3313	.3973	.4329	.4615	.4978	.5551	.5981	.6847	.7780	.9163	1.3579
RP10000/A	.2615	.4022	.4808	.5205	.5504	.5932	.6614	.7074	.8093	.9212	1.0826	1.6023
PMP/A	.5143	.7832	.9673	1.0758	1.1653	1.2532	1.3967	1.5336	1.7513	2.0035	2.3409	3.4491

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNO	LOT	RWM	LATITUDE	LONGITUDE	COUNTY	CODE	CODE	CODE
810 4886 0	LEHMAN RANCH	84	600	32	09N	09E	F M	38.592	121.012	09	09	09	09
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.50	3.29	3.80	4.21	4.76	5.07	5.86	6.44	7.59	8.50	10.18	14.46	27.15
5	3.34	4.53	5.30	5.85	6.56	6.96	8.05	8.79	10.33	11.67	13.83	19.52	34.37
10	3.88	5.35	6.27	6.90	7.68	8.14	9.40	10.23	12.00	13.60	16.06	22.61	34.54
20	4.38	6.11	7.16	7.86	8.70	9.21	10.64	11.52	13.51	15.34	18.08	25.40	42.19
25	4.54	6.35	7.44	8.15	9.02	9.54	11.02	11.92	13.97	15.88	18.69	26.25	43.29
40	4.61	6.84	7.58	8.76	9.66	10.22	11.80	12.73	14.91	16.97	19.95	27.99	45.52
50	5.01	7.07	8.28	9.04	9.96	10.53	12.16	13.11	15.35	17.47	20.54	28.60	46.54
100	5.45	7.77	9.10	9.90	10.86	11.46	13.26	14.31	16.64	18.95	22.29	31.23	49.57
200	5.91	8.46	9.89	10.74	11.73	12.40	14.31	15.32	17.93	20.45	23.98	33.57	52.45
1000	6.91	10.00	11.67	12.60	13.67	14.43	16.66	17.72	20.73	23.68	27.71	38.74	58.68
10000	8.28	12.14	14.12	15.15	16.31	17.20	19.85	20.96	24.50	28.04	32.75	45.71	66.87
PMP	16.28	23.84	28.41	31.31	34.53	36.34	41.93	45.45	53.02	60.99	70.80	98.39	149.29
MEAN	2.662	3.552	4.094	4.501	5.051	5.375	6.217	6.793	7.985	8.962	10.711	15.195	27.826
CLOCK MR. COR.	1.140	1.070	1.040	1.010	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.060	2.340	1.622	1.591	1.309	1.200	1.007	1.064	.695	.930	1.275	1.033	.464
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	6.625	9.318	5.837	5.854	5.150	4.963	4.593	4.881	3.397	3.814	4.846	3.818	2.240
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	5.000	8.500	8.750	10.450	11.550	12.150	13.350	14.950	16.050	18.200	23.240	28.540	44.870
NORMALIZED MAX	2.489	3.155	2.672	2.878	2.888	2.871	2.873	2.954	2.510	2.568	2.887	2.473	2.025
CALC. COEF. VAR	.353	.442	.426	.459	.446	.439	.399	.408	.401	.401	.405	.355	.302
REGM. COEF. VAR	.377	.377	.396	.397	.389	.384	.363	.380	.376	.367	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.363	.380	.376	.367	.374	.365	.291
MEAN/A	.0957	.1277	.1471	.1618	.1815	.1932	.2234	.2438	.2870	.3221	.3849	.5461	1.0000
RP10/A	.1394	.1922	.2253	.2478	.2761	.2925	.3380	.3676	.4312	.4687	.5773	.8125	1.3850
RP25/A	.1631	.2281	.2675	.2929	.3241	.3429	.3961	.4284	.5020	.5705	.6719	.9434	1.5559
RP50/A	.1800	.2541	.2977	.3250	.3579	.3785	.4372	.4710	.5516	.6279	.7381	1.0350	1.6725
RP100/A	.1964	.2792	.3270	.3559	.3964	.4126	.4765	.5116	.5989	.6823	.8111	1.1223	1.7815
RP1000/A	.2482	.3594	.4194	.4527	.4914	.5187	.5987	.6370	.7449	.8512	.9960	1.3921	2.1090
RP10000/A	.2975	.4363	.5075	.5443	.5861	.6182	.7136	.7534	.8895	1.0078	1.1769	1.6426	2.4030
PMP/A	.5951	.8496	1.0211	1.1251	1.2408	1.3059	1.5069	1.6333	1.9054	2.1918	2.5443	3.5359	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNO	LOT	RWM	LATITUDE	LONGITUDE	COUNTY	CODE	CODE	CODE
810 7000 0	PLYMOUTH	1096	11	07N	10E	C M	C M	38.483	120.845	03	03	03	03
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	200	300	600	F YR	
2	2.43	3.28	3.86	4.30	4.77	5.18	5.79	6.16	8.22	10.06	14.86	27.54	
5	3.24	4.52	5.38	5.98	6.58	7.12	7.95	8.40	11.27	13.66	20.06	35.15	
10	3.77	5.33	6.36	7.05	7.70	8.32	9.29	9.77	13.14	15.86	23.23	39.78	
20	4.25	6.09	7.27	8.03	8.73	9.42	10.51	11.01	14.82	17.85	26.09	43.96	
25	4.41	6.33	7.55	8.33	9.04	9.76	10.88	11.39	15.34	18.46	26.97	45.26	
40	4.48	6.82	7.69	8.45	9.69	10.45	11.65	12.16	16.39	19.71	28.76	47.88	
50	4.86	7.05	8.41	9.24	9.99	10.77	12.01	12.52	16.88	20.28	29.59	49.09	
100	5.31	7.75	9.23	10.12	10.89	11.74	13.09	13.60	18.35	22.01	32.09	52.74	
200	5.74	8.43	10.04	10.97	11.77	12.66	14.13	14.64	19.76	23.68	34.94	56.26	
1000	6.70	9.97	11.84	12.87	13.71	14.76	16.45	16.93	22.89	27.37	39.60	64.02	
10000	8.04	12.10	14.33	15.48	16.39	17.59	19.61	20.03	27.10	32.34	46.96	74.50	
PMP	15.81	23.57	28.83	31.99	34.62	37.16	41.40	43.42	58.93	69.92	101.09	153.68	
MEAN	2.585	3.542	4.155	4.599	5.066	5.497	6.138	6.488	8.660	10.577	15.612	26.645	
CLOCK MR. COR.	1.140	1.070	1.050	1.040	1.030	1.020	1.020	1.016	1.010	1.000	1.000	1.000	
CALCULATED SKEW	1.576	1.169	1.335	1.362	.982	.729	.707	.776	.758	.605	.480	1.134	
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	
KURTOSIS	6.012	4.072	4.911	5.371	4.171	3.186	3.130	3.341	2.745	2.792	2.489	2.212	
N	25	25	25	25	25	25	25	25	25	25	25	25	
RECORD YEAR	1945	1951	1951	1951	1951	1951	1951	1951	1958	1956	1936	1958	
RECORD MAXIMUM	4.090	6.070	7.870	9.770	10.110	10.270	10.810	11.210	15.180	18.320	25.190	40.790	
NORMALIZED MAX	1.972	2.284	2.431	2.800	2.559	2.242	2.153	2.093	1.966	2.000	1.922	1.673	
CALC. COEF. VAR	.1896	.313	.368	.401	.389	.354	.349	.383	.346	.336	.319	.256	
REGM. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.387	.374	.365	.291	
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.387	.374	.365	.291	
MEAN/A	.0902	.1230	.1450	.1606	.1768	.1919	.2143	.2262	.3023	.3693	.5450	1.0000	
RP10/A	.1315	.1861	.2221	.2460	.2689	.2906	.3242	.3411	.4587	.5538	.8109	1.3089	
RP25/A	.1536	.2210	.2637	.2908	.3157	.3407	.3800	.4035	.5355	.6445	.9415	1.5800	
RP50/A	.1696	.2461	.2935	.3226	.3487	.3760	.4193	.4371	.5893	.7080	1.0330	1.7130	
RP100/A	.1852	.2704	.3223	.3532	.3803	.4099	.4570	.4748	.6406	.7685	1.1201	1.6138	
RP1000/A	.2341	.3481	.4135	.4494	.4787	.5153	.5744	.5911	.7989	.9554	1.3894	2.2351	
RP10000/A	.2806	.4225	.5003	.5403	.5768	.6141	.6991	.7146	.9460	1.1394	1.6408	2.6008	
PMP/A	.5519	.8228	1.0086	1.1167	1.2087	1.2974	1.4454	1.5157	2.0573	2.4408	3.5290	5.3650	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 810 8295 0	STATION NAME SLY PARK	ELEV 3530	SEC 17	TWP 10N	RNG LOT 13E L	8WM M	LATITUDE 38.717	LONGITUDE 120.560	COUNTY 09				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.06	5.42	6.40	7.16	7.87	8.31	9.64	11.02	12.73	13.98	16.86	24.58	47.44
5	5.43	7.47	8.92	9.96	10.84	11.41	13.23	15.04	17.33	19.18	22.91	33.18	60.05
10	6.31	8.81	10.55	11.73	12.70	13.34	15.46	17.50	20.13	22.35	26.60	38.43	67.34
20	7.12	10.07	12.05	13.36	14.38	15.10	17.50	19.71	22.67	25.22	29.94	43.17	73.72
25	7.37	10.46	12.53	13.87	14.90	15.64	18.12	20.39	23.44	26.10	30.96	44.62	75.65
40	7.50	11.27	12.76	14.00	15.97	16.75	19.41	21.78	25.03	27.89	33.05	47.58	79.53
50	8.14	11.65	13.94	15.39	16.60	17.26	20.00	22.42	25.76	28.72	34.01	48.95	81.31
100	8.88	12.80	15.31	16.85	17.95	18.82	21.80	24.35	27.97	31.22	36.92	53.08	86.62
200	9.60	13.93	16.64	18.26	19.39	20.32	23.54	26.21	30.09	33.62	39.71	57.06	91.64
1000	11.22	16.47	19.64	21.43	22.60	23.66	27.40	30.32	34.78	38.93	45.90	65.84	102.54
10000	13.45	20.00	23.76	25.77	26.95	28.19	32.65	35.86	41.12	46.10	54.24	77.69	116.03
PMP	26.46	38.94	47.81	53.25	57.06	59.56	68.95	77.74	88.97	100.25	117.25	167.24	260.84
MEAN	4.327	5.852	6.890	7.658	8.348	8.810	10.222	11.604	13.400	14.732	17.739	25.829	48.619
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.329	1.144	1.359	1.083	1.089	1.121	.966	.762	.688	1.222	1.038	.840	.175
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	4.560	3.685	4.385	3.778	4.244	4.449	4.136	3.957	3.586	4.832	4.088	3.747	1.896
N	20	20	21	21	20	20	21	20	20	21	21	21	21
RECORD YEAR	1963	1965	1956	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	7.420	10.640	14.030	14.530	16.500	17.110	19.830	22.210	25.500	11.920	34.970	45.270	67.840
NORMALIZED MAX	1.849	1.931	2.256	2.131	2.331	2.313	2.454	2.364	2.367	2.775	2.558	2.238	1.602
CALC. COEF. VAR	.387	.424	.459	.421	.419	.407	.383	.387	.381	.420	.380	.336	.247
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0890	.1204	.1417	.1575	.1717	.1812	.2102	.2387	.2756	.3030	.3648	.5313	1.0000
RP10/A	.1297	.1812	.2170	.2413	.2611	.2744	.3181	.3599	.4141	.4597	.5672	.7794	1.3850
RP25/A	.1517	.2151	.2576	.2852	.3065	.3217	.3728	.4194	.4821	.5367	.6368	.9177	1.5559
RP50/A	.1674	.2395	.2868	.3165	.3385	.3550	.414	.4611	.5298	.5707	.6796	1.0009	1.6725
RP100/A	.1827	.2633	.3149	.3465	.3692	.3870	.4484	.5009	.5752	.6240	.7593	1.0918	1.7815
RP1000/A	.2308	.3388	.4040	.4408	.4648	.4865	.5636	.6236	.7154	.8007	.9440	1.3543	2.1090
RP10000/A	.2767	.4113	.4888	.5300	.5543	.5798	.6716	.7376	.8457	.9481	1.1550	1.5980	2.4030
PMP/A	.5442	.8610	.9635	1.0955	1.1735	1.2250	1.4181	1.5996	1.8300	2.0620	2.4116	3.4399	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 820 1428 0	STATION NAME CAMP PARDEE	ELEV 17	SEC 658	TWP 35	RNG LOT 05N 10E C	8WM M	LATITUDE 38.250	LONGITUDE 120.844	COUNTY 05				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.85	2.34	2.67	2.93	3.21	3.48	3.89	4.40	5.26	5.76	7.00	10.57	20.40
5	2.47	3.22	3.72	4.07	4.53	4.77	5.36	6.00	7.16	7.90	9.51	14.27	25.03
10	2.87	3.88	4.40	4.80	5.18	5.58	6.23	6.98	8.32	9.21	11.04	16.52	28.96
20	3.24	4.34	5.03	5.47	5.87	6.32	7.05	7.87	9.37	10.39	12.83	18.56	31.71
25	3.36	4.51	5.23	5.67	6.08	6.54	7.30	8.14	9.69	10.75	12.85	19.19	32.53
40	3.41	4.66	5.32	5.76	6.16	6.52	7.01	7.82	8.69	10.34	11.49	13.72	26.46
50	3.70	5.03	5.82	6.29	6.72	7.22	8.06	8.95	10.64	11.84	14.12	21.05	34.97
100	4.04	5.52	6.39	6.89	7.33	7.87	8.78	9.72	11.55	12.86	15.33	22.83	37.25
200	4.37	6.01	6.94	7.47	7.92	8.50	9.48	10.46	12.43	13.85	16.49	24.53	39.41
1000	5.11	7.11	8.19	8.77	9.23	9.69	11.04	12.10	14.37	16.04	19.05	28.31	44.10
10000	6.12	8.63	9.91	10.54	11.00	11.79	13.16	14.31	16.99	19.00	22.52	33.41	56.25
PMP	12.04	16.81	19.95	21.79	23.30	24.91	27.78	31.02	36.76	41.32	48.68	71.91	112.18
MEAN	1.969	2.525	2.874	3.133	3.408	3.685	4.119	4.630	5.537	6.071	7.364	11.107	20.910
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.607	.715	.466	.425	.534	.523	.573	.623	1.059	.941	.663	.747	.278
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
KURTOSIS	3.673	2.983	2.627	2.411	2.631	2.655	2.443	2.545	4.584	4.055	3.193	3.596	1.986
N	49	49	49	49	49	49	49	49	49	49	49	49	49
RECORD YEAR	1936	1936	1956	1942	1942	1942	1936	1936	1936	1936	1936	1936	1967
RECORD MAXIMUM	3.260	4.110	4.850	5.240	6.000	6.250	7.070	8.560	12.110	12.110	13.660	21.860	31.680
NORMALIZED MAX	2.145	2.145	2.145	2.083	2.431	2.329	2.323	2.672	3.424	3.163	2.717	.9176	1.559
CALC. COEF. VAR	.306	.289	.310	.323	.313	.300	.306	.317	.347	.329	.325	.316	.261
REGN. COEF. VAR	.341	.377	.396	.397	.369	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.369	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0942	.1208	.1375	.1498	.1630	.1762	.1970	.2214	.2648	.2904	.3522	.5312	1.0000
RP10/A	.1372	.1818	.2105	.2295	.2479	.2668	.2986	.3339	.3978	.4405	.5282	.7963	1.3850
RP25/A	.1605	.2158	.2416	.2713	.2910	.3129	.3692	.4162	.4832	.5142	.6147	.9176	1.5559
RP50/A	.1772	.2403	.2782	.3010	.3214	.3453	.3855	.4278	.5090	.5660	.6753	1.0067	1.6725
RP100/A	.1933	.2642	.3055	.3296	.3505	.3764	.4201	.4647	.5526	.6152	.7330	1.0917	1.7815
RP1000/A	.2443	.3400	.3919	.4193	.4413	.4732	.5281	.5786	.6874	.7673	.9112	1.3541	2.1090
RP10000/A	.2928	.4127	.4741	.5041	.5263	.5639	.6292	.6844	.8125	.8885	1.0788	1.5977	2.4030
PMP/A	.5759	.8637	.9540	1.0420	1.1142	1.1914	1.3287	1.4836	1.7582	1.9759	2.3280	3.4393	5.3650

PEARSON TYPE III DISTRIBUTION USED

MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY				
820 2728 0	ELECTRA PH	49	715	06N	12E	M	38.838	127.667	03				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.61	3.38	4.00	4.38	4.80	5.21	5.78	6.43	7.73	8.54	10.47	15.46	29.56
5	3.49	4.66	5.58	6.09	6.62	7.15	7.93	8.77	10.52	11.72	14.23	20.86	37.41
10	4.05	5.49	6.59	7.17	7.75	8.36	9.27	10.20	12.23	13.66	16.53	24.16	41.95
20	4.57	6.28	7.53	8.17	8.78	9.46	10.49	11.50	13.76	15.41	18.60	27.14	45.92
25	4.74	6.52	7.83	8.48	9.09	9.80	10.86	11.89	14.24	15.95	19.23	28.05	47.12
40	4.82	7.03	9.77	9.11	9.74	10.49	11.63	12.70	15.20	17.04	20.53	29.92	49.54
50	5.23	7.26	8.71	9.41	10.04	10.82	11.99	13.08	15.64	17.55	21.13	30.78	50.65
100	5.70	7.98	9.57	10.30	10.95	11.79	13.07	14.20	16.98	19.08	22.93	33.37	53.96
200	6.11	8.68	10.40	11.17	11.83	12.73	14.11	15.29	18.27	20.55	24.67	35.87	57.09
1000	7.21	10.27	12.27	13.11	13.79	14.62	16.42	17.68	21.12	23.79	28.51	41.39	63.87
10000	8.64	12.47	14.85	15.76	16.44	17.67	19.57	20.91	24.97	28.17	33.69	48.84	72.78
PMP	16.99	24.28	29.88	32.57	34.81	37.33	41.32	45.34	54.03	61.27	72.93	105.14	162.49
MEAN	2.779	3.649	4.305	4.682	5.094	5.521	6.127	6.768	8.137	9.004	11.018	16.238	30.287
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.562	1.531	1.558	1.515	1.511	1.502	1.484	1.485	1.499	1.480	1.480	1.480	1.480
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	6.362	6.218	4.069	3.467	3.610	3.017	3.274	3.110	3.161	4.352	4.476	4.443	2.318
N	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD YEAR	1943	1943	1956	1956	1956	1956	1956	1911	1911	1911	1911	1911	1907
RECORD MAXIMUM	5.220	7.670	8.770	8.860	10.220	10.470	11.920	12.710	15.430	20.140	25.350	36.810	50.970
NORMALIZED MAX	2.833	2.937	2.826	2.536	2.944	2.712	2.653	2.488	2.543	3.391	3.560	3.580	2.489
CALC. COEF. VAR	.310	.375	.367	.352	.342	.330	.356	.353	.362	.365	.365	.356	.274
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.376	.387	.374	.365	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0918	.1205	.1421	.1546	.1682	.1823	.2023	.2234	.2687	.2973	.3638	.5361	1.0000
RP10/A	.1337	.1814	.2176	.2369	.2558	.2760	.3060	.3369	.4037	.4510	.5456	.7977	1.3850
RP25/A	.1564	.2153	.2584	.2800	.3002	.3236	.3587	.3927	.4700	.5266	.6350	.9262	1.5559
RP50/A	.1726	.2398	.2876	.3106	.3316	.3571	.3958	.4317	.5165	.5795	.6976	1.0162	1.6725
RP100/A	.1883	.2635	.3159	.3401	.3616	.3893	.4314	.4689	.5607	.6299	.7572	1.1019	1.7815
RP1000/A	.2380	.3392	.4052	.4327	.4552	.4894	.5423	.5838	.6975	.7856	.9413	1.3657	2.1090
RP10000/A	.2853	.4177	.4903	.5202	.5430	.5833	.6462	.6906	.8244	.9302	1.1123	1.6127	2.4030
PMP/A	.5611	.8018	.9865	1.0752	1.1495	1.2322	1.3644	1.4971	1.7840	2.0230	2.4047	3.4716	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
820 5763 0	MOKELVILLE HILL	1480	07	05N	12E	M	M	38.360	120.700	05			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.49	3.36	3.87	4.21	4.58	4.99	5.55	6.18	7.49	8.36	10.01	14.26	28.17
5	3.32	4.63	5.40	5.85	6.31	6.85	7.62	8.43	10.20	11.46	13.60	19.24	35.45
10	3.85	5.46	6.38	6.89	7.38	8.01	8.90	9.81	11.85	13.16	15.79	22.29	39.98
20	4.35	6.24	7.29	7.85	8.36	9.06	10.07	11.05	13.34	15.07	17.77	25.04	43.77
25	4.51	6.48	7.58	8.15	8.67	9.39	10.43	11.43	13.79	15.60	18.38	25.88	44.91
40	4.58	6.98	7.71	8.76	9.29	10.05	11.17	12.21	14.73	16.67	19.62	27.60	47.22
50	4.97	7.21	8.43	9.04	9.57	10.36	11.51	12.57	15.16	17.16	20.19	28.39	48.27
100	5.43	7.93	9.26	9.90	10.44	11.29	12.55	13.65	16.48	18.66	21.92	30.79	51.42
200	5.87	8.63	10.07	10.73	11.28	12.19	13.55	14.69	17.71	20.09	23.58	33.09	54.41
1000	6.86	10.21	11.88	12.59	13.14	14.20	15.77	16.99	20.47	23.27	27.25	38.19	60.87
10000	8.22	12.39	14.37	15.14	15.67	16.92	18.79	20.10	24.19	27.55	32.20	45.00	69.36
PMP	16.17	24.13	28.92	31.29	33.18	35.75	39.68	43.58	52.35	59.92	69.61	97.00	154.85
MEAN	2.644	3.625	4.167	4.499	4.855	5.288	5.883	6.504	7.885	8.805	10.531	14.980	28.863
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.557	.925	1.017	.751	.554	.568	.740	.521	.539	1.257	.944	1.323	.212
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	2.378	4.073	4.073	3.649	3.321	3.174	3.255	2.898	2.826	5.661	4.404	6.000	2.345
N	44	44	44	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1963	1911	1956	1956	1956	1956	1911	1911	1911	1911	1911	1911	1911
RECORD MAXIMUM	3.650	6.370	8.390	8.570	9.060	9.630	11.790	12.480	15.250	17.580	23.820	34.970	44.580
NORMALIZED MAX	1.390	2.264	2.735	2.446	2.433	2.246	2.506	2.314	2.376	3.524	3.231	3.596	2.000
CALC. COEF. VAR	.274	.334	.371	.370	.356	.366	.401	.397	.393	.412	.391	.371	.272
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0916	.1256	.1444	.1559	.1682	.1832	.2038	.2253	.2732	.3051	.3649	.5190	1.0000
RP10/A	.1335	.1891	.2210	.2388	.2558	.2774	.3083	.3398	.4104	.4628	.5472	.7722	1.3850
RP25/A	.1561	.2245	.2625	.2823	.3003	.3252	.3614	.3960	.4779	.5404	.6358	.8566	1.5559
RP50/A	.1723	.2500	.2921	.3132	.3317	.3590	.3988	.4354	.5251	.5866	.6996	.9837	1.6725
RP100/A	.1880	.2747	.3208	.3429	.3617	.3913	.4347	.4729	.5701	.6464	.7593	1.0667	1.7815
RP1000/A	.2375	.3536	.4115	.4363	.4553	.4919	.5464	.5888	.7091	.8061	.9440	1.3260	2.1090
RP10000/A	.2847	.4293	.4979	.5245	.5431	.5863	.6510	.6884	.8382	.9545	1.1155	1.5611	2.4030
PMP/A	.5601	.8359	1.0019	1.0841	1.1497	1.2395	1.3748	1.5097	1.8139	2.0759	2.4117	3.3605	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DENOMINABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. R5N ORDER SUB R20 76A9 0	STATION NAME SALT SPRINGS PH	ELEV 257	SEC 3700	TWP J3	RNG LOT 08N 16E N	HWM M	LATITUDE 3A.497	LONGITUDE 120.276	COUNTY 03				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.46	4.91	5.89	6.49	7.28	7.90	8.76	9.60	11.30	12.50	14.03	21.86	43.51
5	4.62	6.76	8.21	9.03	10.04	10.85	12.02	13.11	15.37	17.22	20.16	29.50	55.08
10	5.37	7.97	9.71	10.64	11.75	12.69	14.04	15.24	17.80	20.07	23.40	34.17	61.76
20	6.06	9.11	11.10	12.12	13.31	14.36	15.89	17.17	20.11	22.65	26.34	38.38	67.61
25	6.28	9.46	11.53	12.58	13.79	14.87	16.46	17.77	20.79	23.44	27.24	39.67	69.38
40	6.39	10.20	11.74	12.52	13.78	14.78	16.43	17.87	22.24	25.05	29.77	42.31	72.04
50	6.93	10.54	12.83	13.95	15.23	16.42	18.17	19.53	22.85	25.79	29.42	43.53	74.87
100	7.56	11.59	14.49	15.28	16.61	17.89	19.80	21.22	24.81	28.04	32.48	47.20	79.44
200	8.18	12.61	15.32	16.56	17.95	19.39	21.38	22.83	26.69	30.19	34.94	50.73	84.05
1000	9.56	14.91	18.08	19.44	20.91	22.50	24.89	26.41	30.85	34.97	40.37	58.54	94.04
10000	11.46	18.10	21.87	23.37	24.94	26.81	29.65	31.24	36.47	41.40	47.17	69.08	107.15
PMP	22.53	35.25	44.00	48.30	52.80	56.64	62.62	67.73	78.92	90.04	103.15	148.70	239.22
MEAN	3.685	5.297	6.341	6.945	7.725	8.379	9.284	10.110	11.886	13.232	15.604	22.966	44.589
CLOCK WR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.233	1.363	1.563	1.180	.980	1.202	1.217	1.085	.627	.909	.762	.409	.577
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
KURTOSIS	4.581	5.196	5.861	4.467	4.210	5.263	4.926	4.535	3.326	3.933	3.549	2.832	2.991
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1966	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1951
RECORD MAXIMUM	10.60	10.560	14.900	15.250	15.830	18.840	20.580	21.81	23.020	26.040	29.810	42.400	80.910
NORMALIZED MAX	2.296	2.700	3.149	2.954	2.823	3.381	3.966	3.135	2.478	2.654	2.648	2.498	1.559
CALC. COEF. VAR	.295	.368	.429	.405	.372	.369	.376	.369	.350	.365	.344	.339	.285
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0826	.1188	.1422	.1558	.1732	.1879	.2082	.2267	.2666	.2967	.3500	.5151	1.0000
RP17/A	.1264	.1788	.2177	.2386	.2635	.2845	.3151	.3419	.4005	.4502	.5249	.7863	1.3850
RP25/A	.1488	.2123	.2585	.2821	.3036	.3336	.3682	.3984	.4613	.5268	.6108	.8868	1.5589
RP50/A	.1555	.2364	.2878	.3129	.3416	.3682	.4074	.4381	.5124	.5784	.6710	.9762	1.6725
RP100/A	.1696	.2598	.3160	.3426	.3726	.4013	.4444	.4758	.5563	.6287	.7283	1.0586	1.7815
RP1000/A	.2143	.3344	.4054	.4359	.4660	.5046	.5581	.5924	.6920	.7842	.9055	1.3130	2.1090
RP10000/A	.2569	.4059	.4905	.5293	.5613	.6013	.6650	.7077	.8178	.9285	1.0700	1.5493	2.4030
PMP/A	.5054	.7905	.9869	1.0832	1.1841	1.2703	1.4043	1.5191	1.7700	2.0193	2.3132	3.3350	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. R5N ORDER SUB R20 R713 0	STATION NAME SUTTER HILL RS		ELEV 1586	SEC 1A	TWP 06N	RNG LOT 11E A	HWM M	LATITUDE 38.376	LONGITUDE 120.801	COUNTY 03			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.53	3.40	4.01	4.32	4.74	5.02	5.58	6.14	7.18	8.25	10.69	14.03	26.84
5	3.18	4.68	5.59	6.01	6.53	6.89	7.66	8.37	9.77	11.32	13.71	18.94	33.97
10	3.92	5.52	6.60	7.08	7.65	8.06	8.95	9.74	11.35	13.20	15.92	21.93	38.09
20	4.43	6.31	7.55	8.08	8.66	9.12	10.13	10.97	12.78	14.69	17.91	24.04	41.70
25	4.59	6.56	7.86	8.36	8.98	9.45	10.48	11.35	13.22	15.41	18.52	25.47	42.75
40	4.67	7.07	7.98	8.99	9.62	10.12	11.24	12.12	14.11	16.47	19.77	27.16	44.99
50	5.07	7.30	8.73	9.28	9.92	10.43	11.58	12.48	14.52	16.96	20.35	27.94	45.99
100	5.53	6.03	9.58	10.16	10.81	11.37	12.62	13.56	15.77	18.43	22.09	30.30	48.99
200	5.98	6.74	10.42	11.01	11.68	12.27	13.63	14.59	16.96	19.85	23.76	32.57	51.84
1000	6.98	10.33	12.29	12.93	13.61	14.29	15.88	16.88	19.61	22.99	27.46	37.58	58.00
10000	8.37	12.54	14.88	15.54	16.24	17.03	18.90	19.96	23.18	27.22	32.44	44.34	66.08
PMP	16.47	24.42	29.93	32.12	36.37	35.97	39.91	43.28	50.16	59.19	70.14	95.46	147.54
MEAN	2.693	3.670	4.313	4.618	5.029	5.322	5.918	6.460	7.954	8.698	10.612	14.743	27.500
CLOCK WR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.238	1.222	1.181	1.171	1.021	1.010	.961	.950	.969	1.131	.864	.823	.430
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.708	3.806	3.759	3.632	3.306	3.177	2.898	3.009	3.198	3.740	2.815	3.439	2.807
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1951	1951	1956	1951	1951	1951	1951	1965	1965	1965	1951	1956	1951
RECORD MAXIMUM	4.080	6.540	8.330	9.450	9.940	10.150	11.020	12.400	15.000	17.800	18.460	24.330	43.510
NORMALIZED MAX	1.484	2.070	2.062	2.227	2.079	1.932	1.905	2.035	2.331	2.453	1.890	1.935	2.070
CALC. COEF. VAR	.347	.378	.452	.470	.470	.470	.453	.452	.423	.427	.391	.336	.281
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0979	.1335	.1568	.1679	.1829	.1935	.2152	.2349	.2747	.3163	.3859	.5361	1.0000
RP10/A	.1427	.2009	.2401	.2573	.2781	.2930	.3255	.3542	.4127	.4799	.5787	.7976	1.3850
RP25/A	.1669	.2385	.2851	.3041	.3264	.3435	.3815	.4128	.4805	.5603	.6735	.9261	1.6559
RP50/A	.1842	.2656	.3174	.3374	.3606	.3792	.4211	.4538	.5280	.6165	.7399	1.0161	1.6725
RP100/A	.2010	.2919	.3485	.3694	.3959	.4173	.4613	.4973	.5733	.6702	.8031	1.1018	1.7815
RP1000/A	.2540	.3757	.4471	.4700	.4950	.5168	.5768	.6137	.7131	.8358	.9984	1.3666	2.1090
RP10000/A	.3044	.4561	.5409	.5651	.5904	.6192	.6873	.7259	.8429	.9897	1.1798	1.6125	2.4030
PMP/A	.5988	.8882	1.0884	1.1679	1.2499	1.3082	1.4514	1.5738	1.8239	2.1524	2.5506	3.7152	5.3650

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT REPRESENTATIVE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE			
820 4928 0	TIGER CREEK PH	423	2355	24	07N	13E	G M	38.449	120.491	05			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.61	5.00	6.01	6.67	7.42	8.04	8.89	9.88	11.63	13.14	15.78	22.82	43.82
5	4.82	6.89	8.39	9.29	10.23	11.05	12.21	13.48	15.83	18.03	21.44	30.79	55.47
10	5.60	8.13	9.91	10.94	11.97	12.91	14.26	15.68	18.39	21.01	24.89	35.66	62.19
20	6.32	9.29	11.33	12.45	13.56	14.61	16.14	17.67	20.70	23.71	28.02	40.05	64.09
25	6.55	9.65	11.77	12.93	14.05	15.14	16.72	18.28	21.41	24.53	28.97	41.41	69.87
40	6.66	10.40	11.99	13.30	15.05	16.21	17.90	19.52	22.86	26.22	30.92	44.16	73.46
50	7.23	10.75	13.10	14.34	15.52	16.71	18.45	20.10	23.52	27.00	31.83	45.43	75.10
700	7.89	11.81	14.39	15.71	16.93	18.21	20.11	21.93	25.54	29.34	34.54	49.27	80.80
200	8.53	12.86	15.64	17.03	18.29	19.47	21.71	23.49	27.48	31.60	37.16	52.95	84.64
1000	9.46	15.21	18.46	19.98	21.31	22.90	25.27	27.18	31.77	36.60	42.95	61.11	94.70
10000	11.94	18.46	22.33	24.02	25.41	27.29	30.12	32.14	37.55	43.33	50.75	72.10	107.91
PMP	23.44	35.95	44.93	49.65	53.80	57.65	63.60	69.68	81.26	94.24	109.71	155.21	246.91
MEAN	3.442	5.401	6.474	7.139	7.872	8.528	9.429	10.401	12.238	13.849	16.598	23.971	44.904
CLOCK HR. COR.	1.140	1.770	1.966	1.982	1.989	1.990	1.990	1.990	1.990	1.990	1.990	1.990	1.990
CALCULATED SKEW	1.140	1.770	1.966	1.982	1.989	1.990	1.990	1.990	1.990	1.990	1.990	1.990	1.990
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	6.100	4.597	4.830	4.212	4.267	4.343	4.071	3.970	3.454	4.261	3.504	3.434	2.323
RECORD YEAR	68	68	68	68	68	68	68	68	68	68	68	68	68
RECORD MAXIMUM	1951	1956	1956	1951	1956	1956	1956	1965	1965	1965	1911	1911	1951
NORMALIZED MAX	8.030	11.280	14.260	15.140	16.330	18.060	20.130	22.080	24.620	27.210	32.420	48.820	66.930
CALC. COEF. VAR	3.055	2.766	2.857	2.828	2.865	3.019	3.043	3.046	2.795	3.156	2.740	2.893	1.897
REGN. COEF. VAR	.357	.394	.421	.395	.375	.370	.373	.369	.362	.374	.373	.358	.259
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0856	.1203	.1442	.1598	.1753	.1899	.2100	.2316	.2725	.3084	.3696	.5338	1.0000
RP10/A	.1247	.1811	.2207	.2436	.2666	.2876	.3177	.3492	.4095	.4679	.5544	.7942	1.3850
RP25/A	.1458	.2150	.2621	.2879	.3129	.3371	.3723	.4070	.4768	.5463	.6452	.9222	1.5559
RP50/A	.1610	.2394	.2918	.3194	.3458	.3721	.4109	.4475	.5239	.6012	.7087	1.0118	1.6725
RP100/A	.1756	.2831	.3204	.3498	.3770	.4056	.4478	.4861	.5688	.6535	.7691	1.0971	1.7815
RP200/A	.2219	.3388	.4110	.4450	.4745	.5029	.5629	.6052	.7075	.8150	.9564	1.3668	2.1090
RP1000/A	.2660	.4111	.4973	.5350	.5660	.6077	.6707	.7158	.8363	.9650	1.1301	1.6057	2.4030
PMP/A	.5232	.8065	1.0006	1.1058	1.1982	1.2839	1.4163	1.5519	1.8096	2.0987	2.4433	3.4555	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE			
820 4583 0	WEST POINT	2365	17	06N	13E	C M		38.379	120.570	07			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.14	4.29	5.09	5.49	6.09	6.72	7.33	8.12	9.64	10.74	12.76	19.19	36.65
5	4.19	5.91	7.09	7.64	8.40	9.24	10.06	11.09	13.11	14.74	17.34	25.40	44.39
10	4.87	6.98	8.38	9.00	9.83	10.80	11.74	12.90	15.24	17.17	20.13	30.00	52.02
20	5.50	7.97	9.58	10.25	11.14	12.22	13.30	14.53	17.15	19.38	22.65	33.70	56.95
25	5.70	8.28	9.95	10.63	11.54	12.66	13.78	15.03	17.74	20.05	23.43	34.83	58.44
40	5.79	8.92	10.14	11.43	12.37	13.55	14.75	16.05	18.84	21.43	25.01	37.15	61.44
50	6.29	9.22	11.08	11.80	12.75	13.97	15.21	16.53	19.49	22.07	25.74	38.22	62.81
100	6.86	10.14	12.17	12.92	13.90	15.23	16.57	17.95	21.16	23.98	27.94	41.44	66.91
200	7.42	11.03	13.23	14.01	15.02	16.44	17.89	19.32	22.77	25.83	30.45	44.54	70.80
1000	8.67	13.04	15.61	16.44	17.50	19.15	20.83	22.35	26.33	29.91	34.73	51.40	79.21
10000	10.39	15.84	18.88	19.76	20.87	22.92	24.82	26.43	31.12	35.42	41.84	60.85	96.25
PMP	20.44	30.84	38.00	40.84	44.19	48.20	52.42	57.30	67.34	77.03	88.72	130.56	201.50
MEAN	3.343	4.634	5.475	5.872	6.465	7.130	7.771	8.553	10.141	11.319	13.422	20.164	37.558
CLOCK HR. COR.	1.140	1.870	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.204	1.101	.961	.728	.518	.573	.606	.749	.722	.775	.530	.427	.134
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.796	3.738	3.346	2.935	2.836	3.197	3.298	3.415	3.457	3.430	2.813	2.516	1.861
RECORD YEAR	1951	1956	1956	1951	1956	1956	1956	1965	1936	1965	1965	1936	1938
RECORD MAXIMUM	5.430	8.730	10.760	11.040	11.820	13.800	14.860	16.110	19.680	22.560	24.400	35.350	55.110
NORMALIZED MAX	1.188	2.272	2.349	2.175	2.225	2.496	2.537	2.536	2.601	2.643	2.166	2.098	1.713
CALC. COEF. VAR	.331	.369	.411	.372	.362	.375	.369	.348	.376	.367	.341	.359	.273
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0990	.1234	.1458	.1563	.1721	.1898	.2069	.2277	.2700	.3014	.3574	.5369	1.0000
RP10/A	.1297	.1857	.2232	.2395	.2618	.2875	.3130	.3434	.4057	.4573	.5369	.7988	1.3850
RP25/A	.1517	.2205	.2650	.2831	.3074	.3370	.3669	.4002	.4724	.5335	.6238	.9217	1.5559
RP50/A	.1675	.2455	.2950	.3141	.3394	.3700	.4009	.4400	.5190	.5875	.6852	1.0765	1.7255
RP100/A	.1827	.2699	.3240	.3440	.3702	.4005	.4413	.4779	.5635	.6386	.7438	1.1034	1.7815
RP1000/A	.2309	.3473	.4156	.4376	.4660	.5097	.5546	.5950	.7009	.7964	.9247	1.3686	2.1090
RP10000/A	.2767	.4216	.5028	.5261	.5558	.6075	.6609	.7038	.8285	.9430	1.0727	1.6149	2.4030
PMP/A	.5443	.8210	1.0117	1.0874	1.1768	1.2834	1.3956	1.5288	1.7929	2.0509	2.3622	3.4763	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 830 1280 0	STATION NAME CALAVERAS RANGER STATION		ELEV 3343	SEC 18	TWP 04N	RNG LOT 15E L M	LATITUDE 38-197	LONGITUDE 120-365	COUNTY CODE 05				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.05	5.44	6.63	7.28	8.00	8.69	9.61	10.74	12.42	14.38	17.13	24.04	44.35
5	5.42	7.50	9.24	10.13	11.03	11.93	13.19	14.66	16.90	19.72	23.08	32.44	56.13
10	6.29	8.85	10.93	11.93	12.91	13.95	15.41	17.06	19.63	22.99	27.03	37.57	62.94
20	7.11	10.11	12.49	13.59	14.63	15.79	17.44	19.22	22.10	25.93	30.42	42.21	68.91
25	7.36	10.50	12.98	14.11	15.15	16.38	18.06	19.88	22.86	26.94	31.46	43.63	70.70
40	7.48	11.31	13.21	15.15	16.24	17.51	19.30	21.23	24.40	28.68	33.58	46.52	74.34
50	8.12	11.69	14.44	15.64	16.74	18.05	19.93	21.85	25.12	29.53	34.56	47.86	76.00
100	8.86	12.85	15.86	17.13	18.25	19.67	21.72	23.74	27.27	32.10	37.51	51.90	80.96
200	9.58	13.98	17.24	18.57	19.72	21.24	23.46	25.55	29.34	34.57	40.35	55.19	88.66
1000	11.20	16.54	20.35	21.79	22.98	24.74	27.31	29.55	33.92	40.04	46.63	64.38	95.84
10000	13.42	20.08	24.62	26.20	27.41	29.48	32.54	34.96	40.09	47.41	55.10	75.96	109.20
PMP	26.40	39.10	49.54	54.14	58.02	62.28	68.71	75.79	86.76	103.10	119.13	163.52	241.80

MEAN	4.31A	5.876	7.138	7.785	8.488	9.213	10.187	11.311	13.066	15.151	18.023	25.254	45.443
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.668	1.949	1.760	1.518	1.368	1.573	1.234	1.105	.899	.744	.579	.583	.226
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500

KURTOSIS	5.525	6.712	6.045	4.836	4.443	5.922	4.420	4.131	3.481	2.932	2.535	2.930	1.889
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1951	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1969
RECORD MAXIMUM	8.360	13.890	18.920	19.720	20.310	24.030	25.410	26.400	27.520	29.780	34.150	44.110	71.330
NORMALIZED MAX	2.070	2.844	2.775	2.641	2.624	3.011	2.754	2.621	2.305	2.144	2.063	2.114	1.807
CALC. COEF. VAR	.445	.536	.595	.580	.531	.534	.543	.497	.480	.450	.434	.391	.315
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291

MEAN/A	.0950	.1293	.1571	.1713	.1868	.2027	.2242	.2489	.2875	.3334	.3966	.5557	1.0000
RP10/A	.1385	.1948	.2422	.2625	.2841	.3076	.3391	.3753	.4320	.5068	.5948	.8268	1.3050
RP25/A	.1819	.2311	.2856	.3102	.3335	.3599	.3974	.4374	.5030	.5966	.6922	1.0000	1.6559
RP50/A	.1788	.2573	.3179	.3442	.3683	.3972	.4386	.4809	.5527	.6499	.7604	1.0331	1.6725
RP100/A	.1950	.2828	.3491	.3769	.4017	.4329	.4781	.5224	.6001	.7064	.8254	1.1421	1.7815
RP1000/A	.2264	.3640	.4478	.4795	.5056	.5443	.6009	.6504	.7465	.8810	1.0261	1.4166	2.1090
RP10000/A	.2954	.4419	.5418	.5764	.6031	.6487	.7160	.7692	.8823	1.0432	1.2126	1.6716	2.4030
PMP/A	.5810	.8605	1.0901	1.1914	1.2767	1.3704	1.5119	1.6677	1.9092	2.2688	2.6215	3.5983	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER 508 830 6893 1	STATION NAME PINECREST STRAWBERRY			ELEV 188	SEC 5620	TWP 22 04N	RNG LOT 18E F M	ARM M	LATITUDE 38.190	LONGITUDE 119.487	COUNTY CODE 05		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.68	5.03	5.94	6.39	7.10	7.66	8.51	9.49	10.82	12.15	14.47	21.50	41.15
5	4.92	6.93	8.28	8.89	9.79	10.51	11.68	12.96	14.72	16.67	19.67	29.01	52.09
10	5.71	8.17	9.79	10.48	11.46	12.29	13.65	15.07	17.10	19.43	22.84	33.60	58.41
20	6.45	9.33	11.19	11.93	12.98	13.91	15.45	16.98	19.28	21.92	25.70	37.74	64.95
25	6.68	9.70	11.62	12.38	13.45	14.41	16.00	17.56	19.91	22.69	26.57	39.01	66.61
40	6.80	10.45	11.83	13.31	14.41	15.43	17.13	18.76	21.25	24.24	28.37	41.61	68.99
50	7.38	10.80	12.94	13.74	14.85	15.90	17.66	19.31	21.88	24.96	29.19	42.80	70.53
100	8.05	11.87	14.21	15.04	16.20	17.34	19.25	20.87	23.75	27.14	31.69	46.41	75.13
200	8.70	12.92	15.44	16.31	17.50	18.72	20.78	22.57	25.55	29.22	34.09	49.89	79.49
1000	10.17	15.28	18.22	19.14	20.39	21.80	24.19	26.11	29.54	33.84	39.57	57.57	88.94
10000	12.19	18.55	22.05	23.01	24.32	25.98	28.83	30.89	34.92	40.07	46.55	67.93	101.34
PMP	23.88	36.12	44.36	47.95	51.49	54.87	60.87	66.96	75.56	87.15	100.64	146.23	225.25

MEAN	3.921	5.427	6.392	6.837	7.534	8.117	9.024	9.994	11.380	12.867	15.225	22.584	42.171
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.205	1.419	1.645	1.314	1.330	1.036	1.333	1.270	.906	1.111	.949	.674	.605
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500

KURTOSIS	5.123	5.094	5.978	4.800	5.408	4.741	5.415	5.083	3.962	4.439	3.855	3.349	2.732
N	38	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1956	1956	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1938
RECORD MAXIMUM	7.510	11.380	15.180	15.550	18.270	19.320	22.370	24.070	25.180	27.460	30.380	43.160	69.650
NORMALIZED MAX	2.484	2.656	2.827	2.721	3.205	3.151	3.272	3.162	2.879	2.795	2.642	2.390	2.373
CALC. COEF. VAR	.368	.413	.486	.468	.445	.438	.452	.459	.421	.409	.391	.351	.275
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0930	.1287	.1516	.1621	.1786	.1925	.2140	.2370	.2699	.3037	.3610	.5355	1.0000
RP10/A	.1395	.1937	.2321	.2484	.2717	.2915	.3237	.3573	.4055	.4607	.5415	.7967	1.3850
RP25/A	.1585	.2300	.2756	.2936	.3189	.3417	.3794	.4105	.4721	.5379	.6302	.9251	1.5559
RP50/A	.1749	.2501	.3067	.3258	.3523	.3771	.4187	.4579	.5188	.5920	.6923	1.0150	1.6725
RP100/A	.1909	.2815	.3369	.3597	.3889	.4111	.4564	.4973	.5632	.6435	.7514	1.1006	1.7815
RP1000/A	.2412	.3623	.4321	.4538	.4836	.5168	.5736	.6192	.7005	.8025	.9341	1.3652	2.1090
RP10000/A	.2891	.4398	.5228	.5456	.5768	.6159	.6835	.7324	.8280	.9502	1.1038	1.6108	2.4030
PMP/A	.5686	.8965	1.0520	1.1277	1.2211	1.3012	1.4434	1.5878	1.7919	2.0666	2.3864	3.4675	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 840 2609 0	STATION NAME EARLY INTAKE	ELEV 2356	SEC 11	TWP 015	RNG LOT 11E C	BWM M	LATITUDE 37.875	LONGITUDE 119.967	COUNTY 55				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	2.83	3.92	4.56	5.07	5.49	5.93	6.55	7.23	8.46	9.47	11.16	16.48	30.20
5	3.79	5.41	6.36	7.06	7.56	8.14	8.99	9.87	11.51	13.00	15.17	22.24	38.31
10	4.40	6.38	7.52	8.32	8.85	9.51	10.51	11.48	13.38	15.15	17.61	25.76	42.95
20	4.97	7.29	8.60	9.47	10.03	10.77	11.69	12.48	15.08	17.09	19.82	28.94	47.02
25	5.15	7.57	8.93	9.83	10.39	11.15	12.31	13.38	15.58	17.68	20.50	29.91	48.25
40	5.23	8.16	9.10	10.57	11.14	11.94	13.19	14.29	16.63	18.90	21.88	31.90	50.73
50	5.63	8.94	9.92	10.91	11.48	12.31	13.59	14.71	17.12	19.46	22.52	32.82	51.66
100	6.20	9.27	10.92	11.94	12.52	13.42	14.81	15.98	18.58	21.15	24.44	35.59	55.25
200	6.70	10.08	11.87	12.95	13.52	14.49	15.99	17.20	19.99	22.78	26.29	38.25	58.45
1000	7.83	11.92	14.01	15.19	15.76	16.87	18.62	19.90	23.11	26.38	30.39	44.14	65.40
PMP	16.46	26.19	34.10	37.75	39.79	42.47	46.84	51.03	59.12	67.93	77.53	112.12	166.38
MEAN	3.019	4.236	4.913	5.428	5.822	6.283	6.945	7.616	8.904	9.983	11.744	17.318	31.001
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.763	1.637	1.449	1.305	1.033	1.312	1.296	1.339	.823	.804	.837	.863	.225
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.472	6.559	5.800	5.542	5.155	6.818	5.645	5.858	3.608	3.873	3.809	3.722	3.942
N	67	47	47	47	47	47	47	47	47	47	47	47	47
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	5.050	10.090	12.430	13.580	14.170	14.510	17.660	19.420	20.130	21.840	25.500	36.480	53.950
NORMALIZED MAX	2.108	3.292	3.339	3.448	3.479	3.72	3.563	3.643	3.000	3.046	3.097	3.000	2.373
CALC. COEF. VAR	.319	.424	.458	.436	.432	.426	.434	.426	.420	.390	.378	.365	.312
REGN. COEF. VAR	.361	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.361	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0974	.1366	.1584	.1750	.1877	.2024	.2239	.2456	.2871	.3219	.3787	.5584	1.0000
RP10/A	.1419	.2056	.2426	.2682	.2855	.3068	.3388	.3703	.4314	.4884	.5680	.8077	1.3850
RP25/A	.1659	.2441	.2880	.3170	.3351	.3596	.3971	.4316	.5023	.5702	.6610	.9640	1.5559
RP50/A	.1932	.2718	.3205	.3517	.3702	.3968	.4382	.4745	.5519	.6275	.7261	1.0583	1.6725
RP100/A	.2098	.2988	.3521	.3851	.4037	.4327	.4776	.5154	.5992	.6821	.7882	1.1676	1.7815
RP1000/A	.2525	.3845	.4517	.4899	.5082	.5440	.6003	.6417	.7453	.8507	.9799	1.4234	2.1070
RP10000/A	.3027	.4668	.5465	.5890	.6061	.6483	.7153	.7559	.8810	1.0073	1.1579	1.6790	2.4030
PMP/A	.9993	.9090	1.0996	1.2174	1.2831	1.3696	1.5105	1.6454	1.9064	2.1906	2.5032	3.6155	5.3630

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 840 7666 0	STATION NAME GROVELAND	ELEV 2828	SEC 21	TWP 015	RNG LOT 16E	BWM M	LATITUDE 37.833	LONGITUDE 120+217	COUNTY 55				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.18	4.38	4.96	5.31	6.03	6.54	7.27	8.05	9.72	10.97	13.26	20.15	35.47
5	4.25	6.03	6.92	7.38	8.32	8.96	9.97	10.99	13.22	15.05	18.02	27.20	44.90
10	4.93	7.11	8.18	8.70	9.73	10.49	11.85	12.79	15.36	17.54	20.93	31.50	50.35
20	5.57	8.13	9.35	9.90	11.03	11.87	13.19	14.41	17.29	19.79	23.55	35.38	55.12
25	5.77	8.44	9.71	10.28	11.43	12.30	13.66	14.90	17.88	20.48	24.35	36.57	56.56
40	5.87	9.10	9.89	11.05	12.24	13.17	14.62	15.91	19.09	21.89	25.99	39.00	59.46
50	6.37	9.40	10.81	11.40	12.62	13.68	15.07	16.38	19.65	22.54	26.75	40.12	60.79
100	6.95	10.33	11.87	12.49	13.76	14.80	16.43	17.79	21.34	24.50	29.04	43.51	64.76
200	7.51	11.24	12.91	13.54	14.87	15.98	17.74	19.15	22.96	26.38	31.24	46.77	68.52
1000	8.78	13.30	15.23	15.88	17.33	18.61	20.55	22.16	26.56	30.55	36.10	53.97	76.66
10000	10.52	16.15	18.43	19.10	20.66	22.17	24.90	26.21	31.37	36.17	42.66	63.68	87.35
PMP	20.70	31.44	37.08	39.47	43.75	46.84	51.95	56.81	67.88	78.67	92.27	137.08	195.02
MEAN	3.385	4.724	5.343	5.675	6.401	6.929	7.702	8.479	10.223	11.561	13.952	21.170	36.350
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.617	.639	1.001	.772	.510	.582	1.074	.967	.909	1.453	1.269	1.206	.217
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
KURTOSIS	2.902	2.934	3.098	3.187	2.928	3.052	4.656	3.541	3.091	5.666	5.856	4.996	2.534
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1909	1911	1911	1911	1932	1932	1911	1911	1938	1911	1911	1911	1911
RECORD MAXIMUM	4.800	7.750	10.000	10.430	11.150	12.530	16.270	16.270	18.480	27.500	31.830	48.200	59.750
NORMALIZED MAX	1.533	1.941	2.421	2.384	2.149	2.263	2.907	2.627	2.253	2.353	2.343	2.076	2.191
CALC. COEF. VAR	.256	.330	.360	.351	.344	.354	.383	.350	.358	.426	.395	.430	.299
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0931	.1300	.1470	.1561	.1761	.1906	.2119	.2333	.2813	.3180	.3638	.5824	1.0000
RP10/A	.1357	.1956	.2251	.2392	.2678	.2886	.3266	.3517	.4226	.4825	.5757	.8665	1.3850
RP25/A	.1587	.2323	.2628	.2809	.3143	.3363	.3829	.4084	.4834	.5453	.6489	1.0001	1.5599
RP50/A	.1752	.2586	.2975	.3137	.3472	.3735	.4146	.4507	.5407	.6200	.7360	1.1038	1.6725
RP100/A	.1911	.2843	.3267	.3435	.3787	.4071	.4519	.4895	.5870	.6739	.7988	1.1970	1.7815
RP1000/A	.2415	.3659	.4191	.4370	.4767	.5118	.5680	.6095	.7301	.8404	.9931	1.4947	2.1090
RP10000/A	.2895	.4462	.5070	.5254	.5668	.5946	.6709	.7209	.8613	.9951	1.1735	1.7510	2.4030
PMP/A	.5695	.8649	1.0202	1.0859	1.2035	1.2887	1.4293	1.5629	1.8675	2.1643	2.5371	3.7710	5.3630

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 840 3672 0	STATION NAME GROVELAND RANGER STATION		ELEV 3135	SEC 27	TWP 015	RNG LOT 17E L	RWM M	LATITUDE 37.817	LONGITUDE 120.100	COUNTY CO 55			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.45	4.73	5.58	6.17	6.72	7.21	8.18	9.19	10.59	12.07	14.43	19.94	35.70
5	4.60	6.52	7.78	8.59	9.26	9.90	11.22	12.55	14.41	16.50	19.80	26.91	44.19
10	5.35	7.69	9.19	10.12	10.84	11.57	13.12	14.59	16.75	19.30	22.76	31.16	50.67
20	6.04	8.79	10.51	11.52	12.28	13.09	14.84	16.44	18.85	21.78	25.62	35.01	55.47
25	6.26	9.13	10.91	11.96	12.72	13.56	15.37	17.01	19.50	22.54	26.49	36.18	56.92
40	6.36	9.84	11.11	12.85	13.63	14.52	16.46	18.16	20.82	24.09	28.27	38.59	59.84
60	6.91	10.17	12.15	13.27	14.05	14.87	16.87	18.45	21.43	24.80	29.10	39.70	61.18
100	7.54	11.17	13.34	14.53	15.33	16.32	18.49	20.31	23.26	26.96	31.59	43.05	65.17
200	8.15	12.16	14.50	15.75	16.56	17.62	19.96	21.86	25.03	29.03	33.98	46.27	68.95
1000	9.52	14.38	17.11	18.48	19.29	20.51	23.24	25.29	28.93	33.62	39.27	53.39	77.15
10000	11.41	17.46	20.71	22.22	23.01	24.45	27.69	29.91	34.20	39.61	46.40	63.00	87.91
PMP	22.45	34.00	41.66	45.92	48.72	51.64	58.48	64.84	74.01	86.58	100.32	135.62	196.26

MEAN	3.671	5.109	6.004	6.603	7.128	7.660	8.670	9.677	11.146	12.723	15.177	20.945	36.581
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.330	1.790	1.701	1.550	1.294	1.197	1.136	1.143	.834	.548	.582	.722	.671
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500

KURTOSIS	4.018	6.655	5.950	5.277	4.628	4.390	3.734	3.879	3.126	2.691	2.664	3.890	2.673
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1916	1963	1963	1963	1963	1956	1956	1956	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.300	11.250	14.230	15.950	15.950	16.940	18.080	20.240	22.620	24.110	26.610	39.130	59.910
NORMALIZED MAX	1.776	2.450	2.571	2.655	2.514	2.452	2.217	2.362	2.260	2.063	1.985	2.340	2.162
CALC. COEF. VAR	.403	.489	.533	.533	.492	.496	.450	.462	.466	.434	.380	.370	.295
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291

MEAN/A	1.004	1.396	1.641	1.805	1.948	2.088	2.370	2.645	3.047	3.478	4.149	5.726	1.0000
RP1/A	1.462	2.102	2.513	2.765	2.963	3.162	3.585	3.989	4.578	5.277	6.222	8.519	1.3850
RP25/A	1.711	2.496	2.984	3.265	3.478	3.707	4.202	4.649	5.330	6.161	7.241	9.891	1.5559
RP50/A	1.888	2.779	3.321	3.626	3.882	4.099	4.638	5.111	5.857	6.780	7.955	1.0852	1.6725
RP100/A	2.050	3.055	3.647	3.971	4.190	4.460	5.055	5.552	6.359	7.370	8.634	1.1767	1.7815
RP1000/A	2.203	3.303	3.678	4.052	4.274	4.507	5.067	5.612	6.509	7.691	9.0734	1.4596	2.1090
RP10000/A	2.310	3.473	3.561	4.003	4.229	4.463	5.029	5.574	6.463	7.645	9.023	1.4596	2.1090
PMP/A	6.137	9.294	1.1390	1.2553	1.3317	1.4117	1.5986	1.7724	2.0231	2.3669	2.7423	3.7074	5.9650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 840 3939 0	STATION NAME METCH METCHY	ELEV 3870	SEC 16	TWP 01N	RNG LOT 20E G	RWM M	LATITUDE 37.945	LONGITUDE 119.782	COUNTY CO 55				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	365
2	3.02	4.10	4.80	5.24	5.68	6.05	6.68	7.33	8.45	9.56	11.30	16.47	32.31
5	4.04	5.65	6.70	7.29	7.83	8.31	9.17	10.01	11.50	13.11	15.36	22.22	44.16
10	4.69	6.66	7.92	8.58	9.16	9.72	10.72	11.64	13.36	15.28	17.83	25.74	47.27
20	5.30	7.61	9.05	9.78	10.38	11.00	12.13	13.11	15.04	17.24	20.07	28.91	51.75
25	5.49	7.91	9.40	10.15	10.76	11.39	12.56	13.56	15.55	17.84	20.75	29.88	51.10
40	5.58	8.52	9.58	10.91	11.52	12.20	13.45	14.49	16.60	19.06	22.15	31.87	55.83
50	5.68	8.81	10.47	11.26	11.88	12.57	13.84	14.91	17.09	19.63	22.79	32.79	57.08
100	6.61	9.68	11.49	12.33	12.96	13.71	15.11	16.20	18.55	21.34	24.74	35.55	60.81
200	7.15	10.54	12.49	13.36	14.00	14.80	16.31	17.43	19.96	22.98	26.62	38.22	64.33
1000	8.35	12.46	14.74	15.68	16.31	17.23	18.99	20.17	23.08	26.61	30.76	44.10	71.98
10000	10.01	15.13	17.84	18.85	19.45	20.54	22.63	23.85	27.28	31.51	36.35	52.04	82.02
PMP	19.69	29.46	35.89	38.97	41.18	43.39	47.78	51.71	59.03	68.53	78.58	112.01	183.11

MEAN	3.220	4.427	5.172	5.603	6.025	6.418	7.083	7.719	8.890	10.070	11.888	17.299	34.131
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.020	1.701	1.593	1.462	1.271	1.197	1.263	1.143	.880	.467	.880	.800	.500
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500

KURTOSIS	9.072	6.520	6.266	5.843	5.475	6.269	5.202	5.168	3.904	3.745	4.454	3.893	2.522
N	59	59	59	59	59	59	59	59	58	58	58	58	62
RECORD YEAR	1951	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1938
RECORD MAXIMUM	7.910	10.590	13.690	15.100	15.560	17.430	18.700	19.450	21.150	25.720	37.030	55.620	86.280
NORMALIZED MAX	3.774	3.693	3.639	3.479	3.368	3.214	3.000	3.628	3.213	2.804	3.224	3.238	2.690
CALC. COEF. VAR	.408	.450	.475	.469	.436	.438	.435	.419	.395	.392	.361	.352	.275
REGION. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291

MEAN/A	.0943	1.297	1.515	1.642	1.765	1.880	.2075	.2261	.2865	.2951	.3483	.5069	1.0000
RP10/A	.1375	1.952	2.250	2.515	2.757	2.977	.3140	.3410	.3913	.4476	.5224	.7541	1.3850
RP25/A	.1608	2.318	2.755	2.973	3.152	3.338	.3604	.3914	.4557	.5226	.6080	.8756	1.5559
RP50/A	.1775	2.581	3.067	3.298	3.481	3.664	.4061	.4369	.5007	.5751	.6679	.9607	1.6725
RP100/A	.1936	2.893	3.368	3.612	3.796	4.016	.4426	.4746	.5436	.6252	.7244	1.0477	1.715
RP1000/A	.2447	3.651	4.320	4.595	4.779	5.049	.5563	.5909	.6761	.7797	.9012	1.2921	2.1090
RP10000/A	.2933	4.432	5.227	5.524	5.700	6.017	.6629	.6989	.7992	.9232	1.0650	1.5246	2.4030
PMP/A	.5769	.8631	1.0517	1.1418	1.2066	1.2711	1.3998	1.5152	1.7295	2.0078	2.3024	3.2819	5.3650

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE				
840 9353 0	SONORA	1724	36	02N	14E	M	37.983	120.343	55				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	2.74	3.68	4.31	4.74	5.21	5.69	6.39	7.14	8.30	9.32	11.13	16.57	30.94
5	3.66	5.06	6.00	6.59	7.19	7.82	8.76	9.74	11.29	12.78	15.12	22.37	39.17
10	4.25	5.97	7.10	7.77	8.42	9.14	10.24	11.33	13.11	14.90	17.50	25.40	43.92
20	4.80	6.82	8.11	8.85	9.53	10.34	11.59	12.77	14.76	16.81	19.76	29.10	46.08
25	4.97	7.09	8.43	9.18	9.88	10.71	12.00	13.21	15.27	17.39	20.43	30.08	49.33
40	5.05	7.64	8.58	9.47	10.58	11.47	12.85	14.10	16.30	18.59	21.81	32.08	51.87
50	5.48	7.99	9.38	10.18	10.97	11.89	13.28	14.52	16.78	19.14	22.45	33.00	53.03
100	5.94	8.68	10.30	11.15	11.90	12.89	14.44	15.77	18.22	20.80	24.37	35.78	56.49
200	6.47	9.44	11.20	12.09	12.85	13.92	15.59	16.97	19.60	22.41	26.21	38.46	59.77
1000	7.56	11.17	13.22	14.19	14.98	16.20	18.15	19.63	22.66	25.95	30.29	44.39	66.87
10000	9.06	13.56	15.99	17.06	17.87	19.31	21.62	23.22	26.78	30.72	35.79	52.37	76.20
PMP	17.83	26.41	32.17	35.25	37.82	40.80	45.66	50.35	57.96	66.82	77.38	112.74	170.11
MEAN	2.915	3.968	4.636	5.069	5.534	6.035	6.770	7.514	8.728	9.819	11.707	17.411	31.708
CLOCK HR. COR.	1.140	1.470	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.102	1.260	1.165	.931	.671	.865	.905	.786	.716	.780	.577	.516	.197
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	3.799	4.824	4.157	3.815	3.238	4.165	3.922	3.413	3.051	3.279	2.924	2.953	2.448
N	71	71	71	70	71	71	71	71	71	71	71	71	71
RECORD YEAR	1967	1956	1956	1956	1956	1956	1956	1956	1956	1911	1956	1911	1906
RECORD MAXIMUM	5.420	8.570	10.450	11.250	11.680	13.550	14.710	15.990	17.530	19.630	22.390	33.420	51.120
NORMALIZED MAX	2.377	3.256	3.139	3.238	3.154	3.549	3.176	3.126	2.731	2.678	2.564	2.587	2.316
CALC. COEF. VAR	.361	.356	.400	.377	.352	.351	.370	.361	.369	.373	.356	.342	.264
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.384	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0919	.1251	.1462	.1599	.1745	.1903	.2135	.2370	.2753	.3097	.3692	.5491	1.0000
RP10/A	.1340	.1884	.2238	.2449	.2654	.2882	.3230	.3573	.4136	.4698	.5538	.8170	1.3850
RP25/A	.1587	.2236	.2658	.2875	.3115	.3370	.3760	.4165	.4816	.5485	.6444	.9466	1.5559
RP50/A	.1730	.2490	.2958	.3212	.3441	.3729	.4178	.4579	.5292	.6036	.7079	1.0408	1.6785
RP100/A	.1887	.2737	.3249	.3517	.3753	.4065	.4553	.4973	.5745	.6561	.7684	1.1285	1.7810
RP1000/A	.2385	.3523	.4168	.4474	.4724	.5110	.5723	.6192	.7146	.8183	.9553	1.3998	2.1095
RP10000/A	.2859	.4277	.5045	.5379	.5634	.6091	.6820	.7324	.8447	.9689	1.1289	1.6517	2.4030
PMP/A	.5622	.8328	1.0146	1.1118	1.1928	1.2866	1.4401	1.5878	1.8278	2.1072	2.4405	3.5555	5.3650

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME		ELEV	SEC	TWP	RNG LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE													
850	2539 0	DUDLEYS		3000	21	02S	17E 0 N		37.754	120.108	22													
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS																								
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650											
2	3.48	4.89	5.81	6.28	6.95	7.45	8.33	9.24	10.98	12.60	15.20	21.55	37.94											
5	4.65	6.74	8.10	8.73	9.57	10.24	11.43	12.61	14.95	17.29	20.65	29.09	48.03											
10	5.40	7.95	9.58	10.28	11.21	11.97	13.35	14.67	17.36	20.15	23.98	33.69	53.85											
20	6.10	9.09	10.95	11.71	12.70	13.54	15.11	16.53	19.55	22.74	26.99	37.85	58.96											
25	6.32	9.44	11.37	12.16	13.16	14.03	15.65	17.10	20.22	23.53	27.91	39.12	60.49											
40	6.43	10.17	11.58	13.07	14.10	15.02	16.76	18.26	21.58	25.15	29.79	41.72	63.60											
50	6.98	10.51	12.66	13.49	14.53	15.48	17.27	18.80	22.22	25.89	30.66	42.92	65.03											
100	7.61	11.56	13.90	14.77	15.85	16.88	18.82	20.42	24.12	28.14	33.28	46.54	69.27											
200	8.23	12.57	15.11	16.01	17.12	18.23	20.32	21.98	25.95	30.31	35.80	50.02	73.29											
1000	9.62	14.87	17.83	18.79	19.95	21.22	23.66	25.42	30.00	35.10	41.37	57.73	82.00											
10000	11.53	18.06	21.58	22.59	23.79	25.29	28.19	30.07	35.46	41.56	48.88	68.11	93.43											
PMP	22.67	35.16	43.41	46.49	50.37	53.43	59.53	65.19	76.74	90.39	105.68	146.62	208.60											
MEAN												3.708	5.283	6.255	6.713	7.370	7.903	8.826	9.730	11.557	13.283	15.988	22.645	38.881
CLOCK HR. COR.												1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW												2.154	1.443	1.350	1.161	1.082	1.111	1.063	.894	.468	.713	.499	.571	.181
REGIONAL SKEW												1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED												1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS												9.767	5.202	5.079	4.594	4.518	4.550	4.037	3.507	2.488	3.212	2.851	2.854	1.898
N												44	44	44	44	44	44	44	44	44	44	44	44	44
RECORD YEAR												1951	1951	1951	1951	1951	1956	1956	1956	1956	1911	1911	1911	1969
RECORD MAXIMUM												8.410	11.370	13.490	15.130	16.420	17.140	19.630	20.520	21.466	27.200	30.420	44.490	59.030
NORMALIZED MAX												3.376	2.785	2.667	2.930	2.891	2.919	3.103	2.895	2.295	2.727	2.434	2.596	1.783
CALC. COEF. VAR												.376	.414	.434	.428	.425	.400	.406	.383	.373	.384	.371	.372	.291
REGN. COEF. VAR												.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR												.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A												.0954	.1359	.1609	.1726	.1896	.2033	.2270	.2502	.2972	.3416	.4112	.5824	1.0000
RP1/A												.1370	.2045	.2403	.2645	.2883	.3078	.3434	.3773	.4466	.5183	.6167	.8865	1.5859
RP25/A												.1625	.2428	.2925	.3127	.3384	.3608	.4020	.4398	.5200	.6051	.7177	1.0051	1.5559
RP50/A												.1794	.2704	.3256	.3469	.3738	.3983	.4442	.4835	.5714	.6659	.7885	1.1039	1.6725
RP100/A												.1957	.2972	.3575	.3798	.4076	.4341	.4841	.5251	.6203	.7239	.8558	1.1970	1.7815
RP1000/A												.2373	.3825	.4586	.4832	.5131	.5458	.6085	.6538	.7716	.8928	1.0640	1.4847	2.1019
RP10000/A												.2965	.4644	.5549	.5809	.6120	.6504	.7251	.7734	.9121	1.0690	1.2572	1.7518	2.4030
PMP/A												.5831	.9043	1.1165	1.2008	1.2956	1.3741	1.5311	1.6766	1.9736	2.3248	2.7181	3.7711	5.3650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 850 5346 0	STATION NAME MARIPOSA	ELEV 2011	SEC 23	TWP 055	RNG LOT 18F R M	RWM H	LATITUDE 37.486	LONGITUDE 119.947	COUNTY CODE 22				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.19	4.19	4.83	5.23	5.67	6.09	6.45	7.32	8.49	9.42	11.36	16.33	28.69
5	4.27	5.77	6.74	7.28	7.82	8.37	8.99	9.13	10.99	12.93	15.46	22.34	36.43
10	4.95	6.80	7.96	8.58	9.15	9.78	10.67	11.62	13.42	15.07	17.92	25.53	41.00
20	5.59	7.77	9.10	9.77	10.37	11.07	12.07	13.10	15.11	17.00	20.17	28.68	44.88
25	5.79	8.08	9.46	10.14	10.75	11.47	12.51	13.55	15.62	17.59	20.86	29.64	46.06
40	5.98	8.74	9.63	10.49	11.51	12.47	13.39	14.47	16.48	18.60	22.27	31.61	48.42
50	6.39	9.00	10.52	11.25	11.87	12.66	13.80	14.89	17.17	19.36	22.92	32.52	49.51
100	6.97	9.89	11.56	12.31	12.94	13.68	15.04	16.18	18.64	21.04	24.87	35.27	52.74
200	7.53	10.76	12.56	13.35	13.98	14.70	16.24	17.41	20.05	22.66	26.75	37.91	55.80
1000	8.80	12.73	14.93	15.67	16.29	17.75	18.91	20.14	23.18	26.24	30.70	44.74	67.47
10000	10.55	15.45	17.94	18.64	19.43	20.67	22.53	23.82	27.40	31.08	36.54	51.61	71.13
PMP	20.76	30.08	36.10	38.93	41.14	43.67	47.57	51.65	59.30	67.58	79.00	111.11	158.61
MEAN	3.394	4.520	5.201	5.598	6.019	6.440	7.053	7.709	8.930	9.931	11.951	17.160	29.601
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.734	1.634	1.464	1.191	1.065	1.111	1.178	1.050	.779	.679	.582	.472	1.210
REGIONAL SKEW	1.100	1.200	1.000	1.000	.900	.900	.800	.800	.800	.800	.800	.800	1.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
KURTOSIS	6.339	5.936	5.326	4.817	4.739	4.920	4.824	4.414	3.162	2.904	2.705	2.334	2.043
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1951	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1938
RECORD MAXIMUM	7.360	10.170	12.770	13.520	14.260	15.370	16.860	17.790	18.480	19.260	21.500	31.750	45.780
NORMALIZED MAX	2.100	2.781	3.085	3.133	3.217	3.292	3.212	2.872	2.483	2.503	2.800	3.500	4.500
CALC. COEF. VAR	.425	.449	.472	.452	.426	.421	.422	.407	.400	.383	.367	.374	.290
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.1147	.1527	.1757	.1891	.2034	.2182	.2383	.2604	.3017	.3355	.4037	.5747	1.0000
RP10/A	.1671	.2299	.2670	.2897	.3093	.3304	.3664	.3927	.4533	.5090	.6051	.8347	1.3850
RP25/A	.1954	.2729	.3194	.3425	.3630	.3878	.4278	.4577	.5278	.5943	.7047	1.0014	1.6100
RP50/A	.2157	.3039	.3556	.3799	.4010	.4276	.4653	.5032	.5799	.6540	.7742	1.0987	1.6725
RP100/A	.2354	.3340	.3905	.4160	.4373	.4661	.5082	.5465	.6296	.7109	.8403	1.1714	1.7815
RP1000/A	.2974	.4299	.5009	.5293	.5565	.5860	.6386	.6804	.7831	.8866	1.0447	1.4778	2.1090
RP10000/A	.3565	.5219	.6060	.6363	.6565	.6884	.7611	.8048	.9257	1.0498	1.2344	1.7437	2.4030
PMP/A	.7012	1.0162	1.2194	1.3152	1.3899	1.4753	1.6072	1.7448	2.0032	2.2832	2.6688	3.7536	5.3630

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 850 9855 0	STATION NAME YOSEMITE	ELEV 3985	SEC 20	TWP 025	RNG LOT 22E	RWM M	LATITUDE 37.750	LONGITUDE 119.583	COUNTY CODE 22				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.12	4.40	5.20	5.76	6.29	6.73	7.39	8.18	9.58	10.70	12.71	18.18	34.22
5	4.16	6.06	7.25	8.01	8.67	9.25	10.15	11.17	13.07	14.68	17.27	24.44	43.57
10	4.84	7.15	8.57	9.43	10.15	10.81	11.86	12.99	15.15	17.10	20.05	28.42	48.81
20	5.46	8.17	9.80	10.75	11.49	12.23	13.42	14.64	17.05	19.30	22.57	31.92	53.58
25	5.66	8.49	10.18	11.15	11.91	12.67	13.90	15.14	17.64	19.97	23.34	32.99	54.57
40	5.75	9.15	10.37	11.99	12.76	13.57	14.88	16.17	18.83	21.34	24.91	35.19	57.37
50	6.25	9.45	11.33	12.37	13.15	13.99	15.34	16.65	19.38	21.98	25.64	36.20	58.66
100	6.81	10.39	12.44	13.55	14.35	15.25	16.72	18.08	21.04	23.89	27.83	39.25	62.48
200	7.37	11.31	13.53	14.69	15.50	16.46	18.05	19.46	22.66	25.73	29.93	42.19	66.11
1000	8.61	13.37	15.96	17.24	18.06	19.17	21.01	22.51	26.17	29.79	34.50	48.26	77.37
10000	10.32	16.23	19.31	20.72	21.54	22.84	25.04	26.63	30.94	35.27	40.88	57.45	84.26
PMP	20.30	31.61	38.85	42.63	45.60	48.26	52.87	57.72	66.94	76.72	88.37	123.67	188.16
MEAN	3.320	4.750	5.599	6.158	6.671	7.138	7.839	8.615	10.082	11.273	13.370	19.099	35.072
CLOCK HR. COR.	1.141	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.920	1.664	1.972	1.604	1.414	1.276	1.285	1.168	1.070	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.800
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.800
KURTOSIS	7.616	6.114	5.083	6.536	5.960	5.543	5.403	4.789	3.728	3.383	3.240	3.025	3.131
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1951	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	8.050	12.280	16.670	17.380	18.850	19.840	21.840	22.910	23.550	24.730	29.350	40.150	64.100
NORMALIZED MAX	3.238	3.266	3.846	3.773	3.859	3.828	3.626	3.151	2.813	2.895	2.644	2.500	2.500
CALC. COEF. VAR	.440	.485	.514	.483	.473	.465	.468	.458	.424	.413	.417	.313	.313
REGN. COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
USED COEF. VAR	.341	.377	.396	.397	.389	.384	.383	.380	.376	.387	.374	.365	.291
MEAN/A	.0947	.1354	.1596	.1756	.1962	.2035	.2235	.2457	.2875	.3214	.3812	.5446	1.0000
RP10/A	.1379	.2039	.2404	.2690	.2893	.3082	.3381	.3704	.4319	.4877	.5717	.8102	1.3850
RP25/A	.1613	.2420	.2902	.3180	.3366	.3613	.3963	.4317	.5029	.5694	.6811	.9599	1.6500
RP50/A	.1781	.2695	.3230	.3528	.3751	.3988	.4374	.4746	.5526	.6266	.7307	1.0321	1.6725
RP100/A	.1943	.2963	.3548	.3863	.4091	.4347	.4767	.5155	.5999	.6811	.7934	1.1192	1.7815
RP1000/A	.2455	.3813	.4551	.5149	.5595	.5992	.6419	.7462	.8494	.9663	1.3882	2.1090	3.5000
RP10000/A	.2943	.4629	.5506	.6098	.6142	.6513	.7139	.7592	.8821	1.0058	1.4380	2.4030	4.0000
PMP/A	.5789	.9014	1.1071	1.2212	1.3062	1.3759	1.5074	1.6459	1.9088	2.1874	2.5198	3.5261	5.1650

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE				
B70 379 0	AUREHRY	2140	0A	105	22E F M		37.090	119.508	10				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.52	3.35	3.77	4.12	4.45	4.77	5.12	5.48	6.71	7.40	8.90	12.92	21.76
5	3.68	5.09	5.75	6.23	6.67	7.07	7.56	8.30	9.70	10.59	12.55	18.14	31.71
10	4.42	6.23	7.02	7.57	8.05	8.50	9.08	9.90	11.53	12.54	14.78	21.38	36.30
20	5.11	7.30	8.21	8.80	9.31	9.81	10.47	11.36	13.18	14.30	16.74	24.31	40.33
25	5.33	7.63	8.57	9.18	9.70	10.21	10.89	11.70	13.65	14.84	17.40	25.21	41.54
40	5.43	8.32	9.75	10.36	10.50	11.03	11.77	12.68	14.72	15.94	18.66	27.05	43.90
50	5.48	8.64	9.69	10.32	10.87	11.42	12.17	13.11	15.19	16.45	19.24	27.89	45.11
100	6.61	9.67	10.76	11.42	11.98	12.57	13.40	14.36	16.63	17.98	20.94	30.45	48.46
200	7.22	10.58	11.58	12.49	13.06	13.68	14.58	15.57	18.01	19.46	22.68	32.90	51.63
1000	8.60	12.74	14.15	14.88	15.45	16.16	17.21	18.25	21.07	22.72	26.41	38.44	58.49
10000	10.48	15.73	17.39	18.15	18.70	19.53	20.79	21.84	25.19	27.12	31.43	45.67	67.50
PMF	21.68	31.62	36.25	38.47	41.20	42.83	45.52	49.13	56.35	60.37	69.42	101.05	158.29
MEAN	2.747	3.717	4.155	4.494	4.805	5.138	5.510	6.058	7.146	7.865	9.432	13.591	24.503
CLOCK HR. COR.	1.140	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.224	1.083	1.050	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045	1.045
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.219	3.863	3.474	3.111	2.967	2.988	3.475	3.055	2.594	2.482	2.750	3.222	3.013
RECORD YEAR	4	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938
RECORD MAXIMUM	4.700	7.780	8.790	8.970	9.070	10.470	11.670	12.520	13.070	14.350	17.170	20.090	45.550
NORMALIZED MAX	1.864	2.446	2.470	2.420	2.420	2.453	2.463	2.450	2.495	2.113	2.150	2.550	2.441
CALC. COEF. VAR	3.81	3.87	3.52	3.46	3.44	3.70	3.73	3.48	3.16	3.30	3.35	3.18	3.52
REGN. COEF. VAR	3.55	3.04	3.55	3.10	3.05	3.40	3.44	3.47	3.59	3.45	3.44	3.29	3.64
USED COEF. VAR	3.55	3.04	3.55	3.10	3.05	3.40	3.44	3.47	3.59	3.45	3.44	3.29	3.64

MEAN/A	1.151	1.517	1.696	1.834	1.961	2.097	2.249	2.472	2.917	3.210	3.849	5.547	1.0000
RP10/A	1.185	1.542	1.687	1.808	1.927	2.070	2.230	2.472	2.917	3.210	3.849	5.547	1.0000
RP25/A	1.215	1.613	1.760	1.875	1.990	2.143	2.310	2.567	3.030	3.330	4.010	5.710	1.0000
RP50/A	1.240	1.650	1.800	1.915	2.030	2.183	2.350	2.607	3.070	3.370	4.050	5.750	1.0000
RP100/A	1.265	1.685	1.835	1.950	2.065	2.218	2.385	2.642	3.105	3.405	4.085	5.785	1.0000
RP1000/A	1.290	1.710	1.860	1.975	2.090	2.243	2.410	2.667	3.130	3.430	4.110	5.810	1.0000
RP10000/A	1.315	1.735	1.885	1.995	2.110	2.263	2.430	2.687	3.155	3.455	4.135	5.835	1.0000
PMF/A	1.340	1.760	1.910	2.025	2.140	2.293	2.460	2.717	3.180	3.480	4.160	5.860	1.0000

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE				
B70 755 0	HIG CREEK POWER HOUSE 1	4970	2R	085	29E J M		37.204	119.262	33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.17	4.45	4.94	5.22	5.59	6.00	6.37	7.06	8.15	9.16	11.35	16.29	30.51
5	4.63	6.75	7.53	7.90	8.38	8.90	9.42	10.32	11.78	13.11	16.00	23.05	40.72
10	5.26	7.26	8.20	8.60	9.12	9.60	10.21	11.12	12.55	13.89	16.84	24.04	46.61
20	6.44	9.68	10.75	11.16	11.71	12.34	13.04	14.10	16.00	17.69	21.41	30.30	51.78
25	6.71	10.12	11.23	11.64	12.19	12.85	13.57	14.65	16.62	18.36	22.14	32.04	53.34
40	6.84	11.03	11.46	12.03	13.19	13.89	14.66	15.78	17.87	19.72	23.79	34.37	56.49
50	7.52	11.46	12.68	13.09	13.66	14.47	15.16	16.36	18.45	20.35	24.54	35.45	57.93
100	8.31	12.76	13.67	14.09	14.69	15.52	16.19	17.49	20.19	22.25	26.77	38.69	62.22
200	9.08	14.03	15.46	15.84	16.41	17.22	18.16	19.37	21.87	24.07	28.92	41.82	66.29
1000	10.81	16.90	18.53	18.87	19.42	20.34	21.44	22.69	25.58	28.11	33.67	48.72	75.11
10000	13.18	22.77	23.02	23.51	24.47	25.69	27.18	28.94	33.04	36.45	44.04	64.68	100.00
PMF	27.05	42.22	47.46	49.30	51.78	53.90	56.69	61.11	68.43	74.68	88.52	128.42	203.25
MEAN	3.457	4.932	5.440	5.700	6.038	6.466	6.863	7.535	8.678	9.730	12.027	17.272	31.462
CLOCK HR. COR.	1.140	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.224	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	4.017	5.910	5.718	6.618	7.206	7.319	7.463	7.320	6.414	5.831	5.545	5.327	5.056
RECORD YEAR	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD MAXIMUM	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
NORMALIZED MAX	6.050	11.930	14.000	15.830	17.220	18.960	19.530	20.580	20.930	24.800	33.930	55.200	93.38
CALC. COEF. VAR	2.160	2.957	3.074	3.351	3.523	3.558	3.600	3.488	3.034	2.768	2.560	2.507	2.468
REGN. COEF. VAR	3.47	3.60	3.57	3.50	3.42	3.48	3.40	3.40	3.42	3.46	3.31	3.35	3.06
USED COEF. VAR	3.45	3.04	3.05	3.10	3.05	3.40	3.44	3.47	3.59	3.45	3.44	3.29	3.64
MEAN/A	1.099	1.568	1.729	1.812	1.919	2.055	2.218	2.395	2.758	3.092	3.823	5.490	1.0000
RP10/A	1.169	1.627	1.793	1.875	1.981	2.117	2.284	2.461	2.824	3.158	3.889	5.490	1.0000
RP25/A	1.211	1.671	1.837	1.919	2.025	2.161	2.328	2.505	2.868	3.202	3.933	5.490	1.0000
RP50/A	1.231	1.701	1.867	1.949	2.055	2.191	2.358	2.535	2.898	3.232	3.963	5.490	1.0000
RP100/A	1.251	1.731	1.897	1.979	2.085	2.221	2.388	2.565	2.928	3.262	3.993	5.490	1.0000
RP1000/A	1.271	1.761	1.927	2.009	2.115	2.251	2.418	2.595	2.958	3.292	4.023	5.490	1.0000
RP10000/A	1.291	1.791	1.957	2.039	2.145	2.281	2.448	2.625	2.988	3.322	4.053	5.490	1.0000
PMF/A	1.311	1.821	1.987	2.069	2.175	2.311	2.478	2.655	3.018	3.352	4.083	5.490	1.0000

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELFV	SEC	TWP	RNG	LNT	HWM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB R70 2122 0	CRANE VALLEY POWER HOUSE	3440	25	075	22E	M	M	37.291	119.556	20
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	7.99	5.49	6.43	6.96	7.62	8.20	9.04	9.84	11.40	12.63
5	5.81	8.34	9.80	10.54	11.44	12.17	13.37	14.38	16.48	18.08
10	6.94	10.20	11.97	12.79	13.81	14.63	16.05	17.15	19.58	21.40
20	8.04	11.95	13.99	14.87	15.97	16.88	18.50	19.85	22.38	24.40
25	8.41	12.49	14.62	15.52	16.63	17.57	19.26	20.42	23.24	25.32
40	8.54	13.62	14.92	16.44	18.00	18.98	20.80	21.98	24.99	27.28
50	9.44	14.15	16.51	17.45	18.63	19.64	21.52	22.70	25.80	28.07
100	10.43	15.75	18.34	19.31	20.54	21.63	23.68	24.84	28.24	30.49
200	11.39	17.32	20.12	21.12	22.38	23.54	25.78	26.94	31.20	33.51
1000	13.56	20.86	24.13	25.16	26.49	27.81	30.43	31.62	35.78	38.76
10000	16.44	25.77	29.64	30.69	32.07	33.61	36.75	37.87	42.78	44.27
PHP	33.94	52.12	61.79	65.74	70.63	73.69	80.46	85.14	95.64	102.99
MEAN	4.338	6.088	7.082	7.600	8.237	8.841	9.741	10.494	12.136	13.419
CLOCK HP. COEF.	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.589	1.554	1.546	1.540	1.535	1.531	1.524	1.516	1.506	1.500
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	5.395	5.370	5.603	4.725	4.184	3.799	3.486	3.183	3.236	2.682
N	72	72	72	72	72	72	72	72	72	72
RECORD YEAR	1956	1963	1963	1963	1964	1964	1964	1964	1914	1914
RECORD MAXIMUM	9.460	14.320	19.470	19.400	19.470	20.270	21.730	22.940	25.280	26.220
NORMALIZED MAX	2.536	2.928	3.527	3.259	2.987	2.934	2.807	2.745	2.551	2.372
CALC. COEF. VAR	.427	.462	.496	.479	.457	.441	.439	.429	.425	.402
WEGN. COEF. VAR	.445	.504	.515	.510	.508	.480	.484	.474	.450	.445
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445
MEAN/A	1.080	1.518	1.763	1.892	2.051	2.201	2.425	2.614	3.022	3.341
RP10/A	1.739	2.540	2.981	3.186	3.437	3.662	3.997	4.270	4.875	5.328
RP25/A	2.095	3.111	3.639	3.863	4.141	4.374	4.795	5.083	5.786	6.304
RP50/A	2.350	3.522	4.110	4.345	4.608	4.890	5.358	5.653	6.424	6.988
RP100/A	2.597	3.922	4.566	4.809	5.113	5.384	5.897	6.194	7.031	7.639
RP1000/A	3.377	5.195	6.007	6.265	6.595	6.895	7.574	7.873	8.988	9.652
RP10000/A	4.119	6.415	7.379	7.641	7.984	8.384	9.150	9.430	10.651	11.520
PHP/A	8.451	12.976	15.584	16.367	17.585	18.347	20.034	21.198	23.825	25.643

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELFV	SEC	TWP	RNG	LNT	HWM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB R70 2261 0	FRIANT GOVT CAMP	410	07	115	21E	A	M	36.993	119.717	10
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.54	1.90	2.15	2.31	2.47	2.65	2.92	3.28	3.86	4.23
5	2.25	2.89	3.28	3.49	3.71	3.93	4.31	4.79	5.65	6.05
10	2.71	3.54	4.01	4.24	4.48	4.73	5.18	5.72	6.63	7.16
20	3.13	4.14	4.49	4.73	5.00	5.24	5.67	6.25	7.18	7.80
25	3.26	4.33	4.69	5.14	5.39	5.68	6.21	6.80	7.87	8.47
40	3.33	4.72	5.00	5.58	5.83	6.14	6.71	7.33	8.46	9.10
50	3.66	4.90	5.53	5.79	6.04	6.35	6.94	7.57	8.74	9.39
100	4.04	5.44	6.15	6.40	6.66	6.99	7.64	8.29	9.56	10.26
200	4.42	6.00	6.74	7.00	7.26	7.61	8.31	8.99	10.36	11.11
1000	5.26	7.23	8.09	8.34	8.59	8.99	9.81	10.54	12.12	12.97
10000	6.41	8.93	9.93	10.17	10.40	10.86	11.85	12.62	14.49	15.48
PHP	13.16	18.06	20.71	21.80	22.90	23.82	25.94	26.38	32.41	34.45
MEAN	1.601	2.110	2.374	2.528	2.670	2.858	3.144	3.499	4.110	4.489
CLOCK HP. COEF.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.531	1.551	1.414	1.567	1.737	1.956	2.032	2.212	1.597	1.617
REGIONAL SKEW	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.148	7.981	6.773	6.828	7.642	9.031	9.162	10.553	6.743	6.895
N	58	58	58	58	58	58	58	58	58	58
RECORD YEAR	1945	1965	1945	1965	1945	1965	1965	1965	1965	1969
RECORD MAXIMUM	2.920	5.420	6.220	6.820	7.360	8.410	9.490	10.63	11.40	12.300
NORMALIZED MAX	2.152	3.935	3.880	3.920	4.164	4.430	4.495	4.712	4.140	4.143
CALC. COEF. VAR	.342	.399	.418	.417	.422	.435	.435	.425	.432	.418
WEGN. COEF. VAR	.269	.304	.315	.310	.305	.289	.284	.274	.245	.245
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445
MEAN/A	1.235	1.549	1.743	1.851	1.961	2.099	2.306	2.570	3.018	3.297
RP10/A	1.988	2.596	2.947	3.116	3.287	3.473	3.801	4.197	4.870	5.257
RP25/A	2.395	3.180	3.598	3.778	3.960	4.171	4.559	4.997	5.780	6.221
RP50/A	2.687	3.800	4.250	4.425	4.623	4.853	5.257	5.617	6.695	7.162
RP100/A	2.969	4.009	4.514	4.703	4.890	5.134	5.567	6.001	7.024	7.538
RP1000/A	3.660	5.309	5.939	6.127	6.307	6.603	7.204	7.739	8.899	9.523
RP10000/A	4.709	6.557	7.296	7.472	7.635	7.979	8.701	9.270	10.640	11.367
PHP/A	9.662	13.263	15.210	16.067	16.817	17.494	19.050	20.880	23.800	25.302

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT NEARLY

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB R70 4176 0	STATION NAME HUNTINGTON LAKE	ELEV 7020	SFC TWP 15 085	RNG LOT 25E R	HWM M	LATITUDE 37.229	LONGITUDE 119.229	COUNTY CODE 10					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	2.97	4.02	4.77	5.19	5.63	6.06	6.68	7.35	8.47	9.66	11.43	16.31	31.44
5	4.34	6.11	7.28	7.86	8.45	8.99	9.87	10.74	12.24	13.64	16.11	23.08	41.95
10	5.21	7.47	8.89	9.54	10.20	10.81	11.86	12.80	14.55	16.03	18.97	27.21	48.03
20	6.03	8.75	10.39	11.09	11.80	12.47	13.67	14.67	16.63	18.29	21.55	30.94	51.35
25	6.28	9.15	10.85	11.55	12.25	12.96	14.29	15.24	17.26	18.97	22.34	32.08	54.96
40	6.61	9.98	11.08	12.56	13.30	14.03	15.36	16.41	18.57	20.37	23.96	34.41	58.20
50	7.05	10.36	12.26	13.02	13.76	14.51	15.80	16.95	19.17	21.02	24.71	35.49	59.68
100	7.79	11.54	13.62	14.41	15.18	15.98	17.49	18.58	20.98	22.98	26.95	38.74	64.11
200	8.51	12.69	14.94	15.75	16.53	17.38	19.04	20.14	22.72	24.87	29.12	41.87	68.30
1000	10.12	15.28	17.92	18.77	19.57	20.45	22.47	23.61	26.54	29.04	33.90	48.78	77.38
10000	12.35	18.88	22.01	22.89	23.69	24.83	27.14	28.28	31.78	34.46	40.36	58.10	89.31
PMP	25.34	38.18	45.88	49.03	52.19	54.44	59.43	63.57	71.07	77.14	89.13	128.57	209.41

MEAN	1.248	4.460	5.259	5.668	6.086	6.532	7.194	7.838	9.016	10.051	12.110	17.293	32.416
CLOCK HR. COM.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.018	1.895	1.918	1.837	1.767	1.691	1.738	1.533	1.351	1.260	1.067	1.255	1.387
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500

KURTOSIS	8.554	6.909	7.308	7.343	6.902	6.549	7.029	6.340	5.520	4.785	4.473	5.424	5.688
N	67	57	57	57	57	57	57	57	57	57	57	57	57
RECORD YEAR	1961	1956	1956	1956	1956	1956	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	8.251	12.690	16.290	17.437	18.767	19.560	20.680	21.680	24.140	25.410	28.480	41.150	72.810
NORMALIZED MAX	1.284	3.406	3.046	3.897	3.944	3.865	3.606	3.557	3.544	3.312	3.152	1.658	3.624
CALC. COEF. VAR	.469	.542	.571	.540	.529	.516	.519	.497	.473	.461	.429	.440	.344
REGN. COEF. VAR	.465	.504	.515	.510	.505	.490	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.465	.504	.515	.510	.505	.490	.484	.474	.459	.445	.424	.429	.364

MEAN/A	.0999	.1376	.1622	.1749	.1877	.2015	.2219	.2418	.2781	.3101	.3736	.5335	1.0000
RP10/A	.1668	.2380	.2742	.3147	.3347	.3668	.3958	.4487	.4945	.5583	.6399	1.0000	
RP25/A	.1938	.2824	.3368	.3570	.3791	.4004	.4348	.4702	.5326	.5851	.6893	.9896	1.4953
RP50/A	.2174	.3197	.3782	.4016	.4246	.4476	.4903	.5229	.5913	.6485	.7621	1.0949	1.8611
RP100/A	.2402	.3568	.4201	.4444	.4681	.4929	.5394	.5731	.6472	.7090	.8315	1.1951	1.9776
RP1000/A	.3123	.4715	.5527	.5789	.6018	.6239	.6933	.7282	.8200	.8957	1.0459	1.5048	2.3872
RP10000/A	.3810	.623	.6789	.7061	.7369	.7660	.8373	.8723	.9805	1.0691	1.2450	1.7925	2.7550
PMP/A	.7817	1.1778	1.4154	1.5126	1.6099	1.6795	1.8332	1.9609	2.1931	2.3798	2.7496	3.9663	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 880 1060 0	STATION NAME BRENTWOOD S W	ELEV 375	SEC TWP 32 01N	RNG LOT R2E Q	HWM M	LATITUDE 37.883	LONGITUDE 121.774	COUNTY CODE 17
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	5 YR
2	1.99	2.58	2.88	4.45	6.55	15.21
5	2.80	3.70	4.13	6.22	9.06	20.09
10	3.11	4.44	4.93	7.34	10.62	23.11
20	3.79	5.13	5.67	8.37	12.04	25.87
25	3.94	5.35	5.90	8.69	12.47	26.72
40	4.01	5.79	6.01	9.34	13.37	28.47
50	4.39	6.00	6.60	9.64	13.79	29.27
100	4.83	6.63	7.27	10.57	15.04	31.71
200	5.25	7.25	7.93	11.46	16.25	34.07
1000	6.20	8.65	9.40	13.46	18.95	39.31
10000	7.51	10.59	11.43	14.20	22.62	46.44
PMP	15.15	20.99	23.28	33.58	47.96	95.69

MEAN	2.151	2.817	3.125	4.764	6.956	16.001
CLOCK HR. COM.	1.140	1.070	1.040	1.010	1.010	1.000
CALCULATED SKEW	1.248	1.215	.901	.227	.022	.503
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900
SKEW USED	1.100	1.200	1.100	1.000	.900	.900

KURTOSIS	5.148	4.012	3.474	2.238	1.902	2.391
N	23	23	23	23	23	23
RECORD YEAR	1967	1963	1963	1956	1969	1958
RECORD MAXIMUM	4.120	5.170	5.920	7.950	10.860	27.860
NORMALIZED MAX	2.120	1.890	2.147	1.859	1.538	2.035
CALC. COEF. VAR	.432	.442	.417	.360	.365	.364
REGN. COEF. VAR	.403	.430	.430	.430	.393	.332
USED COEF. VAR	.403	.430	.430	.403	.393	.332

MEAN/A	.1344	.1761	.1953	.2977	.4347	1.0000
RP10/A	.2070	.2776	.3079	.4585	.6635	1.4445
RP25/A	.2463	.3341	.3687	.5428	.7796	1.6701
RP50/A	.2744	.3749	.4123	.6027	.8615	1.8294
RP100/A	.3014	.4145	.4544	.6544	1.0003	1.9818
RP1000/A	.3875	.5406	.5877	.8413	1.1844	2.4568
RP10000/A	.4694	.6616	.7146	1.0124	1.4135	2.9020
PMP/A	.9469	1.3117	1.4547	2.0073	2.9975	5.9880

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB 880 4130 50	STATION NAME LOS MEDANOS TANK FARM	ELEV 136	SEC 136	TWP 136	RNG LOT M	HWM M	LATITUDE 37.947	LONGITUDE 121.845	COUNTY CODE 07
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	F YR
2	1.47	1.91	2.15	3.29	4.96	12.34
5	2.06	2.74	3.08	4.60	6.86	16.29
10	2.44	3.29	3.68	5.43	8.04	19.74
20	2.80	3.80	4.23	6.19	9.11	20.49
25	2.91	3.96	4.40	6.43	9.44	21.67
40	2.96	4.24	4.49	6.91	10.12	23.08
50	3.00	4.44	4.92	7.13	10.43	23.74
100	3.56	4.91	5.43	7.82	11.38	25.71
200	3.87	5.37	5.92	8.48	12.30	27.63
1000	4.57	6.46	7.02	9.96	14.34	31.88
10000	5.54	7.83	8.53	11.98	17.12	37.45
PMP	11.18	15.53	17.37	24.83	36.30	77.59
MEAN	1.587	2.085	2.331	3.524	5.265	12.975
CLOCK HR. COV.	1.140	1.070	1.040	1.010	1.010	1.000
CALCULATED SKEW	1.242	1.122	1.243	.485	.749	.741
REGIONAL SKEW	1.180	1.200	1.100	1.000	.900	.900
SKEW USED	1.180	1.200	1.100	1.000	.900	.900
KURTOSIS	4.398	5.092	5.584	2.218	2.753	2.778
N	41	41	41	41	41	41
RECORD YEAR	1952	1963	1963	1967	1952	1968
RECORD MAXIMUM	3.030	4.520	5.360	5.970	9.890	23.100
NORMALIZED MAX	2.392	2.972	3.253	1.954	2.769	2.206
CALC. COEF. VAR	.190	.199	.199	.255	.387	.364
REGION. COEF. VAR	.403	.430	.430	.403	.393	.332
USED COEF. VAR	.403	.430	.430	.403	.393	.332
MEAN/A	1.223	1.607	1.797	2.716	4.058	1.0000
RP10/A	1.884	2.533	2.833	4.183	6.193	1.4445
RP25/A	1.241	1.364	1.393	1.452	1.727	1.8701
RP50/A	2.007	3.421	3.794	4.509	6.042	1.8694
RP100/A	2.744	3.783	4.182	4.625	6.774	1.9818
RP1000/A	3.526	4.933	5.408	7.676	11.056	2.4588
RP10000/A	4.271	6.637	6.575	9.237	13.194	2.9620
PMP/A	8.615	11.970	13.386	19.135	29.799	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB 880 5508 0	STATION NAME MEDANOS RIMP	ELEV 413	SEC 172	TWP 04	RNG LOT 015 03E M	HWM M	LATITUDE 37.858	LONGITUDE 121.673	COUNTY CODE 07
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	1.47	1.92	2.13	2.26	2.47	2.66	2.87	3.16	3.68	4.03	4.61	6.80	11.71
5	2.06	2.75	3.05	3.21	3.49	3.74	4.02	4.39	5.10	5.58	6.35	9.37	15.27
10	2.45	3.30	3.65	3.81	4.12	4.42	4.74	5.13	5.97	6.52	7.41	10.94	17.33
20	2.80	3.81	4.20	4.36	4.69	5.03	5.39	5.81	6.76	7.37	8.37	12.36	19.13
25	2.91	3.97	4.37	4.53	4.87	5.22	5.59	6.02	7.00	7.64	8.66	12.80	19.68
40	2.96	4.30	4.45	4.68	5.23	5.61	6.00	6.44	7.49	8.17	9.26	13.69	20.77
50	3.24	4.46	4.88	5.04	5.40	5.78	6.19	6.64	7.72	8.42	9.54	14.10	21.28
100	3.66	4.93	5.38	5.54	5.91	6.33	6.76	7.23	8.40	9.16	10.38	15.33	22.78
200	3.88	5.39	5.87	6.02	6.40	6.85	7.32	7.79	9.06	9.87	11.18	16.52	24.20
1000	4.58	6.43	6.96	7.09	7.50	8.02	8.54	9.05	10.51	11.46	12.96	19.16	27.27
10000	5.55	7.87	8.46	8.55	9.08	9.60	10.24	10.74	12.48	13.59	15.36	22.71	31.31
PMP	11.19	15.59	17.23	17.85	19.25	20.55	21.86	23.51	27.31	29.71	33.50	49.54	79.00
MEAN	1.588	2.093	2.312	2.430	2.637	2.833	3.057	3.337	3.885	4.253	4.858	7.169	12.040
CLOCK HR. COV.	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.314	.760	.733	.667	.578	.603	.766	.735	.663	.608	.836	.843	.937
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.800
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.800
KURTOSIS	4.696	3.275	2.951	2.663	2.373	2.549	3.118	3.297	2.725	2.534	3.206	2.918	2.799
N	38	38	38	37	37	37	37	38	37	37	38	37	38
RECORD YEAR	1952	1956	1956	1956	1956	1956	1956	1954	1941	1941	1941	1941	1958
RECORD MAXIMUM	4.070	4.240	4.690	5.060	5.228	5.730	6.520	6.571	7.710	8.120	10.130	14.220	22.240
NORMALIZED MAX	2.100	2.120	2.256	2.362	2.419	2.668	2.783	2.846	3.146	3.268	3.628	4.325	6.275
CALC. COEF. VAR	.307	.431	.456	.457	.448	.423	.424	.399	.413	.424	.413	.423	.372
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.1319	1.1739	1.1920	1.2018	1.2190	1.2353	1.2539	1.2772	1.3227	1.3532	1.4035	1.5954	1.0000
RP10/A	1.2032	1.2741	1.3028	1.3163	1.3421	1.3667	1.3933	1.4264	1.4961	1.5154	1.6154	1.9080	1.1393
RP25/A	1.2417	1.3299	1.3626	1.3762	1.4045	1.4334	1.4641	1.4988	1.5813	1.6041	1.7196	1.0529	1.1362
RP50/A	1.2693	1.3702	1.4055	1.4189	1.4487	1.4804	1.5140	1.5512	1.6409	1.6699	1.7925	1.1708	1.7672
RP100/A	1.2959	1.4093	1.4469	1.4599	1.4910	1.5255	1.5618	1.6001	1.6977	1.7407	1.8620	1.2736	1.8917
RP1000/A	1.3943	1.5338	1.5779	1.5887	1.6226	1.6659	1.7108	1.7512	1.8733	1.9514	1.0766	1.5911	2.2652
RP10000/A	1.4860	1.6532	1.7027	1.7104	1.7459	1.7875	1.8364	1.8916	1.0384	1.1286	1.2759	1.8859	2.4007
PMP/A	1.9291	1.2952	1.4306	1.4824	1.5986	1.7072	1.8155	1.9526	2.2688	2.4673	2.7822	4.1141	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE				
890 226 0	ANTIOCH	405	2A	17 02N	02E P	M	38+013	121-771	07				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.4R	1.87	2.13	2.28	2.45	2.59	2.87	3.17	3.62	4.05	4.76	6.79	17.22
5	2.08	2.68	3.05	3.23	3.46	3.65	4.01	4.40	5.01	5.61	6.55	9.36	15.94
10	2.46	3.22	3.64	3.83	4.09	4.31	4.73	5.16	5.87	6.56	7.65	10.93	18.08
20	2.82	3.72	4.19	4.39	4.66	4.91	5.39	5.84	6.64	7.42	8.64	12.34	19.97
25	2.93	3.87	4.35	4.56	4.83	5.09	5.58	6.04	6.88	7.68	8.94	12.78	20.53
40	2.99	4.19	4.45	4.91	5.19	5.47	5.99	6.47	7.36	8.22	9.56	13.67	21.68
50	3.26	4.34	4.68	5.07	5.36	5.64	6.18	6.66	7.58	8.47	9.85	14.08	22.20
100	3.58	4.80	5.38	5.57	5.86	6.17	6.75	7.26	8.25	9.22	10.71	15.31	23.77
200	3.90	5.25	5.86	6.05	6.35	6.68	7.31	7.83	8.90	9.94	11.55	16.50	25.25
1000	4.60	6.26	6.96	7.13	7.43	7.82	8.54	9.08	10.33	11.53	13.38	19.13	28.46
10000	5.58	7.66	8.46	8.61	8.91	9.37	10.22	10.78	12.26	13.67	15.86	22.67	33.68
PMP	11.25	15.20	17.22	17.96	19.09	20.06	21.81	23.61	26.84	29.90	34.58	49.46	75.14
MEAN	1.597	2.040	2.311	2.445	2.615	2.765	3.051	3.351	3.818	4.280	5.016	7.158	12.565
CLOCK HR. COR.	1.140	1.470	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.890	1.864	2.067	1.971	1.718	1.500	1.046	.764	.676	.940	.852	.677	.080
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.500
KURTOSIS	7.614	7.685	9.234	8.547	7.062	6.047	4.521	3.285	3.274	5.360	3.762	2.990	3.387
N	75	72	72	69	69	69	69	72	69	69	72	69	75
RECORD YEAR	1919	1919	1919	1919	1919	1919	1911	1911	1911	1911	1911	1958	1958
RECORD MAXIMUM	3.880	5.380	6.590	6.590	6.590	6.590	6.750	7.040	8.180	10.950	11.660	14.520	25.330
NORMALIZED MAX	3.222	3.766	4.181	3.906	3.725	3.546	3.239	2.891	3.073	3.960	3.279	2.610	3.094
CALC. COEF. VAR	.444	.435	.443	.434	.448	.439	.474	.485	.474	.444	.444	.394	.332
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.463	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.271	1.623	1.839	1.946	2.081	2.200	2.249	2.667	3.038	3.466	3.992	5.596	1.0000
RP10/A	1.958	2.559	2.990	3.049	3.251	3.349	3.761	4.164	4.671	5.223	6.088	8.896	1.4393
RP25/A	2.239	3.081	3.473	3.627	3.845	4.052	4.438	4.810	5.473	6.115	7.119	1.0170	1.6342
RP50/A	2.595	3.457	3.883	4.038	4.265	4.492	4.915	5.304	6.035	6.740	7.840	1.1202	1.7672
RP100/A	2.852	3.822	4.280	4.434	4.666	4.914	5.372	5.775	6.670	7.335	8.527	1.2185	1.8917
RP1000/A	3.645	4.985	5.535	5.676	5.916	6.226	6.707	7.229	8.223	9.175	1.0551	1.5222	2.2952
RP10000/A	4.439	6.100	6.730	6.849	7.088	7.457	8.132	8.580	9.758	1.0843	1.2622	1.8043	2.6007
PMP/A	8.954	1.2094	1.3702	1.4293	1.5192	1.5963	1.7361	1.8791	2.1360	2.3793	2.7524	3.9362	5.9800

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE			
890 1784 0	CLARKSBURG	1A	34	07N	04E	F	M	38+417	121-533	57			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.79	2.45	2.84	3.11	3.39	3.61	4.01	4.35	5.02	5.44	6.50	9.58	16.82
5	2.51	3.52	4.07	4.42	4.78	5.08	5.61	6.04	6.97	7.53	8.95	13.21	21.94
10	2.96	4.22	4.86	5.24	5.65	5.99	6.61	7.07	8.16	8.81	10.45	15.43	24.89
20	3.40	4.87	5.59	6.00	6.44	6.83	7.52	8.01	9.23	9.96	11.81	17.43	27.48
25	3.54	5.08	5.82	6.24	6.68	7.08	7.80	8.29	9.56	10.31	12.22	18.64	28.20
40	3.60	5.50	5.93	6.72	7.18	7.61	8.37	8.87	10.23	11.03	13.07	19.29	29.84
50	3.70	5.76	6.51	6.94	7.41	7.85	8.64	9.14	10.54	11.37	13.46	19.87	30.56
100	4.33	6.30	7.17	7.62	8.11	8.59	9.44	9.96	11.47	12.37	14.64	21.62	32.72
200	4.71	6.89	7.82	8.28	8.78	9.30	10.22	10.74	12.37	13.34	15.77	23.30	34.76
1000	5.56	8.22	9.27	9.76	10.28	10.89	11.94	12.46	14.36	15.47	18.28	27.01	39.18
10000	6.74	10.06	11.28	11.78	12.32	13.04	14.29	14.79	17.04	18.36	21.67	32.01	44.98
PMP	13.59	19.94	22.96	24.58	26.40	27.91	30.51	32.39	37.29	40.13	47.25	68.83	103.43
MEAN	1.929	2.676	3.092	3.346	3.617	3.884	4.267	4.598	5.305	5.745	6.853	10.106	17.295
CLOCK HR. COR.	1.140	1.070	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.370	.053	.120	.299	.256	.346	1.094	.909	.633	.541	.791	.246	.580
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800	.800	.800	.500
KURTOSIS	2.656	2.184	2.189	2.568	2.797	2.884	5.618	5.672	3.130	3.126	4.212	2.900	3.099
RECORD YEAR	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD MAXIMUM	2.750	3.650	4.690	5.920	6.570	7.150	9.490	9.860	10.440	10.720	12.820	17.070	24.410
NORMALIZED MAX	1.422	1.335	1.577	2.056	2.236	2.248	2.974	2.961	2.362	2.294	2.400	1.939	2.237
CALC. COEF. VAR	.299	.272	.331	.374	.365	.382	.411	.411	.410	.378	.393	.355	.287
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1115	.1547	.1782	.1935	.2091	.2224	.2467	.2659	.3067	.3322	.3962	.5843	1.0000
RP10/A	.1718	.2439	.2809	.3032	.3267	.3466	.3821	.4096	.4715	.5093	.6044	.8920	1.4393
RP25/A	.2044	.2937	.3365	.3606	.3864	.4096	.4509	.4794	.5525	.5963	.7068	1.0432	1.6342
RP50/A	.2277	.3295	.3762	.4015	.4285	.4527	.4994	.5208	.6057	.6573	.7782	1.1672	1.7672
RP100/A	.2503	.3643	.4147	.4408	.4689	.4967	.5458	.5756	.6632	.7153	.8464	1.2499	1.8917
RP1000/A	.3216	.4751	.5362	.5643	.5945	.6294	.6905	.7205	.8301	.8947	1.0572	1.5614	2.2652
RP10000/A	.3896	.5815	.6520	.6810	.7123	.7538	.8262	.8553	.9851	1.0613	1.2529	1.8506	2.6807
PMP/A	.7858	1.1529	1.3274	1.4210	1.5265	1.6136	1.7639	1.8730	2.1563	2.3202	2.7321	4.0376	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 890 2451 1	STATION NAME OIXON	ELEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE
		79	23	07N	01E		M	38.448	121.824	48
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
300	400	500	600	700	800	900	1000	1500	2000	F YR
2	1.98	2.52	2.87	3.21	3.55	3.72	4.11	4.39	4.99	5.77
5	2.77	3.61	4.11	4.56	5.01	5.24	5.76	6.09	6.92	7.44
10	3.29	4.33	4.91	5.41	5.92	6.18	6.78	7.13	8.10	8.70
20	3.76	5.01	5.65	6.24	6.74	7.04	7.71	8.07	9.17	9.84
25	3.91	5.22	5.88	6.44	7.00	7.31	8.00	8.35	9.49	10.18
40	3.98	5.65	6.59	7.23	7.82	8.15	8.85	9.24	10.18	10.96
50	4.35	5.85	6.97	7.17	7.76	8.10	8.86	9.21	10.47	11.22
100	4.79	6.47	7.25	7.87	8.49	8.86	9.68	10.03	11.40	12.22
200	5.21	7.08	7.95	8.58	9.26	9.64	10.48	10.83	12.24	13.17
1000	6.15	8.44	9.37	10.07	10.77	11.22	12.25	12.56	14.26	15.28
10000	7.45	10.33	11.40	12.15	12.90	13.44	14.66	14.90	16.93	18.12
PMP	15.02	20.48	23.20	25.36	27.65	28.78	31.29	32.64	37.05	39.62
MEAN	2.133	2.749	3.114	3.453	3.787	3.967	4.376	4.633	5.270	5.672
CLOCK HR. COR.	1.140	1.070	1.050	1.040	1.030	1.020	1.010	1.010	1.000	1.000
CALCULATED SKEW	1.171	1.171	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.009
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800
KURTOSIS	3.414	4.550	5.554	5.016	7.408	7.615	6.421	7.363	4.481	4.284
RECORD YEAR	41	40	41	40	40	40	40	40	40	41
RECORD MAXIMUM	1954	1956	1963	1956	1956	1956	1956	1956	1956	1961
NORMALIZED MAX	2.450	5.620	7.520	7.520	7.520	10.436	12.130	12.550	12.550	35.140
CALC. COEF. VAR	2.030	2.754	3.021	2.815	3.620	3.745	3.533	3.738	3.103	2.991
REGION. COEF. VAR	.350	.404	.418	.419	.421	.429	.406	.434	.445	.409
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399
PMP/A	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399
MEAN/A	.1267	.1832	.1849	.2050	.2249	.2356	.2596	.2751	.3130	.3369
RP10/A	.1951	.2573	.2916	.3211	.3494	.3714	.4023	.4312	.4515	.4637
RP25/A	.2321	.3098	.3492	.3822	.4156	.4338	.4750	.4961	.5638	.6048
RP50/A	.2584	.3476	.3905	.4255	.4609	.4810	.5261	.5471	.6217	.6666
RP100/A	.2842	.3843	.4304	.4672	.5043	.5261	.5750	.5957	.6768	.7255
RP1000/A	.3642	.5012	.5566	.5940	.6390	.6666	.7275	.7459	.8671	.9070
RP10000/A	.4423	.6133	.6768	.7217	.7661	.7983	.8704	.8851	1.0052	1.0763
PMP/A	.4923	1.2161	1.3777	1.5060	1.6420	1.7091	1.8583	1.9384	2.2004	2.3531

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB R90 7446 0	STATION NAME RIO VISTA	ELEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE
		419	20	31	04N	03E	M	38.148	121.693	48
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
300	400	500	600	700	800	900	1000	1500	2000	3650
2	1.80	2.28	2.58	2.77	3.06	3.24	3.57	3.92	4.60	5.07
5	2.52	3.28	3.69	3.93	4.32	4.45	5.00	5.45	6.38	7.02
10	2.99	3.93	4.40	4.66	5.10	5.37	5.89	6.38	7.47	8.21
20	3.42	4.54	5.07	5.34	5.81	6.12	6.70	7.22	8.45	9.28
25	3.55	4.73	5.27	5.55	6.03	6.35	6.95	7.47	8.75	9.61
40	3.62	5.12	5.37	5.98	6.48	6.82	7.44	8.00	9.37	10.28
50	3.96	5.30	5.89	6.18	6.68	7.04	7.70	8.24	9.65	10.59
100	4.35	5.87	6.50	6.78	7.31	7.70	8.41	8.97	10.51	11.52
200	4.73	6.41	7.08	7.37	7.92	8.34	9.10	9.68	11.33	12.42
1000	5.59	7.65	8.40	8.68	9.27	9.76	10.64	11.23	13.15	14.41
10000	6.77	9.36	10.22	10.48	11.11	11.49	12.73	13.33	15.60	17.10
PMP	13.67	18.56	20.86	21.87	23.81	25.02	27.18	28.19	34.16	37.38
MEAN	1.940	2.491	2.792	2.977	3.262	3.448	3.802	4.144	4.859	5.352
CLOCK HR. COR.	1.014	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.568	1.138	.958	.739	.903	.907	.841	.714	.786	.880
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.800	.800	.800	.800
KURTOSIS	2.642	4.527	4.115	3.548	3.889	3.907	3.809	2.886	2.872	3.711
RECORD YEAR	73	73	73	73	73	73	73	73	73	73
RECORD MAXIMUM	2870	5.010	5.910	6.000	6.760	7.020	7.940	8.040	9.050	11.840
NORMALIZED MAX	1.457	2.679	3.191	2.473	3.209	3.102	3.244	2.825	2.416	3.374
CALC. COEF. VAR	.399	.339	.350	.334	.334	.335	.333	.357	.359	.359
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399
MEAN/A	.1180	.1516	.1699	.1811	.1985	.2098	.2313	.2521	.2954	.3256
RP10/A	.1818	.2389	.2678	.2836	.3101	.3249	.3583	.3874	.4492	.4841
RP25/A	.2163	.2876	.3207	.3376	.3667	.3864	.4228	.4546	.5325	.5845
RP50/A	.2409	.3227	.3587	.3759	.4067	.4284	.4682	.5016	.5871	.6443
RP100/A	.2608	.3568	.3959	.4237	.4450	.4685	.5118	.5459	.6392	.7012
RP1000/A	.3403	.4654	.5112	.5283	.5642	.5937	.6475	.6834	.8000	.8770
RP10000/A	.4122	.5695	.6216	.6375	.6760	.7110	.7747	.8111	.9494	1.0403
PMP/A	.4314	1.1292	1.2655	1.3303	1.4488	1.5221	1.6530	1.7762	2.0783	2.2743

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT REPRESENTATIVE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 890 8996 1	STATION NAME TRACY SP CO	ELEV 64	SFC 28	TWP 02S	RNG LOT 05E	RWM M	LATITUDE 37.733	LONGITUDE 121.425	COUNTY CODE 39			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300	600	F YR
2	1.14	1.35	1.53	1.63	1.76	1.84	2.03	2.22	2.59	3.33	4.88	9.02
5	1.59	1.94	2.19	2.32	2.48	2.60	2.84	3.08	3.60	4.59	6.74	11.88
10	1.89	2.33	2.61	2.75	2.93	3.06	3.35	3.61	4.21	5.35	7.87	13.62
20	2.16	2.69	3.00	3.15	3.34	3.49	3.81	4.08	4.76	6.05	8.89	15.19
25	2.25	2.80	3.12	3.27	3.47	3.62	3.95	4.23	4.93	6.26	9.20	15.68
40	2.29	3.03	3.18	3.52	3.72	3.89	4.24	4.53	5.28	6.69	9.71	16.66
50	2.50	3.14	3.49	3.64	3.84	4.00	4.37	4.66	5.44	6.90	10.13	17.12
100	2.75	3.47	3.85	4.00	4.21	4.39	4.78	5.08	5.92	7.50	11.02	18.49
200	2.99	3.80	4.20	4.34	4.56	4.75	5.17	5.48	6.39	8.08	11.88	19.81
1000	3.53	4.53	4.98	5.12	5.33	5.56	6.05	6.36	7.41	9.37	13.77	22.73
10000	4.28	5.54	6.05	6.17	6.39	6.64	7.23	7.54	8.80	11.10	16.32	26.66
PMP	8.63	10.99	12.32	12.88	13.69	14.26	15.44	16.52	19.25	24.21	35.61	56.42
MEAN	1.225	1.476	1.653	1.754	1.876	1.966	2.160	2.345	2.739	3.511	5.153	9.434
CLOCK HR. COR.	1.140	1.470	1.650	1.640	1.930	1.970	1.820	1.810	1.810	1.800	1.800	1.800
CALCULATED SKEW	2.997	1.955	1.280	.905	.594	.589	.545	.705	.466	.454	.256	.150
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800

KURTOIS	17.509	10.446	5.832	4.177	3.015	2.772	2.057	3.500	3.194	2.648	2.498	2.310
N	64	64	64	64	64	64	64	64	64	64	64	64
RECORD YEAR	1919	1919	1919	1919	1919	1919	1962	1962	1962	1916	1966	1907
RECORD MAXIMUM	3.950	3.000	3.830	3.830	3.830	3.830	4.260	5.000	5.490	6.250	5.830	15.730
NORMALIZED MAX	4.600	4.310	3.646	3.792	2.835	2.554	2.652	2.989	2.989	2.262	2.191	2.156
CALC. COEF. VAR	.413	.385	.361	.380	.371	.367	.371	.367	.336	.345	.310	.310
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.393	.394	.332
MEAN/A	1.299	1.564	1.753	1.859	1.988	2.083	2.289	2.486	2.903	3.721	5.462	1.0000
RP10/A	2.000	2.666	2.763	2.913	3.107	3.247	3.484	3.824	4.463	5.676	8.830	1.4437
RP25/A	2.190	2.906	3.309	3.468	3.674	3.837	4.184	4.482	5.229	6.636	9.751	1.6617
RP50/A	2.261	3.330	3.701	3.858	4.075	4.254	4.634	4.943	5.766	7.309	1.0741	1.8144
RP100/A	2.914	3.682	4.079	4.236	4.458	4.653	5.065	5.382	6.277	7.950	1.1644	1.9598
RP1000/A	3.744	4.802	5.275	5.423	5.653	5.896	6.600	6.737	7.857	9.929	1.4596	2.4091
RP10000/A	4.535	5.977	6.414	6.544	6.773	7.067	7.996	8.323	1.1767	1.7301	2.8264	
PMP/A	9.149	1.1653	1.3057	1.3656	1.4515	1.5116	1.6369	1.7511	2.0409	2.5659	3.7743	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 890 8999 0	STATION NAME TRACY CARBONA	ELEV 139	SEC 137	TWP 10	RNG LOT 03S	RWM 05E	D M	LATITUDE 37.696	LONGITUDE 121.414	COUNTY CODE 39			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.14	1.33	1.44	1.50	1.63	1.77	1.89	2.04	2.38	2.68	3.16	4.93	9.22
5	1.60	1.91	2.06	2.13	2.30	2.49	2.64	2.84	3.30	3.70	4.35	6.79	12.02
10	1.89	2.29	2.46	2.53	2.72	2.93	3.11	3.32	3.86	4.33	5.08	7.93	13.64
20	2.17	2.65	2.83	2.90	3.10	3.34	3.54	3.76	4.37	4.90	5.73	8.96	15.06
25	2.25	2.76	2.94	3.01	3.22	3.47	3.67	3.89	4.52	5.07	5.93	9.28	16.49
40	2.29	2.99	3.00	3.24	3.46	3.72	3.94	4.17	4.84	5.43	6.35	9.62	16.36
50	2.51	3.09	3.29	3.35	3.57	3.84	4.07	4.29	4.99	5.59	6.54	10.22	16.75
100	2.76	3.42	3.63	3.68	3.90	4.20	4.44	4.67	5.43	6.08	7.11	11.12	17.93
200	3.00	3.74	3.96	4.00	4.23	4.55	4.81	5.04	5.85	6.56	7.66	11.98	19.05
1000	3.56	4.46	4.69	4.71	4.95	5.33	5.62	5.85	6.79	7.61	8.88	13.69	21.47
10000	4.29	5.46	5.71	5.68	5.93	6.38	6.73	6.94	8.06	9.02	10.52	16.46	24.65
PMP	8.66	10.83	11.62	11.86	12.71	13.66	14.36	15.21	17.65	19.73	22.95	35.92	56.69
MEAN	1.229	1.453	1.559	1.615	1.742	1.882	2.009	2.159	2.511	2.825	3.328	5.198	9.480
CLOCK HR. COR.	1.148	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.103	.736	.603	.574	.709	.672	.890	1.068	.570	.486	.442	.253	.471
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.800
SKEW USED	1.100	1.200	1.100	1.000	.900	.900	.900	.800	.800	.800	.800	.800	.800
KURTOIS	5.229	3.173	2.616	2.617	2.850	3.062	4.023	4.765	3.400	3.865	3.349	3.055	3.397
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1969	1968	1938	1968	1971	1971	1971	1962	1962	1958	1958	1958	1958
RECORD MAXIMUM	2.490	2.490	2.670	2.760	3.270	3.360	3.760	4.160	4.890	5.230	5.890	8.900	16.370
NORMALIZED MAX	2.507	1.962	1.941	1.965	2.473	2.358	2.709	3.058	2.809	2.642	2.317	2.317	2.367
CALC. COEF. VAR	.407	.363	.367	.361	.355	.324	.347	.341	.337	.322	.331	.307	.307
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.296	1.533	1.645	1.704	1.837	1.986	2.119	2.277	2.649	2.980	3.511	5.493	1.0000
RP10/A	1.997	2.417	2.670	2.870	3.170	3.470	3.820	4.180	4.940	5.530	6.590	9.793	1.4493
RP25/A	2.376	2.909	3.106	3.176	3.395	3.657	3.872	4.107	4.771	5.349	6.261	9.789	1.6342
RP50/A	2.647	3.265	3.474	3.536	3.765	4.054	4.289	4.529	5.260	5.896	6.895	1.0783	1.7672
RP100/A	2.799	3.609	3.820	3.882	4.119	4.434	4.688	4.931	5.727	6.417	7.500	1.1729	1.8917
RP1000/A	3.738	4.707	4.951	4.969	5.223	5.581	5.931	6.173	7.168	8.026	9.367	1.4653	2.2652
RP10000/A	4.528	5.761	6.020	5.997	6.258	6.729	7.056	7.326	8.506	9.520	1.1101	1.7388	2.4007
PMP/A	9.134	1.1422	1.2256	1.2514	1.3412	1.4406	1.5150	1.6044	1.8620	2.0813	2.4207	3.7899	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ASN ORDER SUB B90 9135 J9	UNION 15L4ND	6	14	015	N4F	M	M	37.841	121.511	39

MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	70	300	5 YR
2	1.35	1.70	1.88	2.49	4.22	11.59
5	1.89	2.44	2.69	3.50	5.84	15.30
10	2.24	2.92	3.21	4.14	6.85	17.81
20	2.57	3.38	3.70	4.73	7.76	19.71
25	2.67	3.52	3.85	4.91	8.04	20.36
40	2.72	3.81	3.92	5.28	8.62	21.69
50	2.97	3.95	4.31	5.46	8.89	22.30
100	3.27	4.37	4.75	5.99	9.70	24.16
200	3.56	4.77	5.17	6.50	10.48	25.96
1000	4.20	5.69	6.14	7.64	12.22	29.95
10000	5.69	6.97	7.44	9.20	14.58	35.38
PMP	10.27	13.82	15.19	19.11	30.43	72.90
MEAN	1.457	1.855	2.039	2.673	4.485	12.191
CLOCK HR. COR.	1.140	1.070	1.050	1.020	1.140	1.000
CALCULATED SKEW	.821	.403	.240	.465	.603	.811
REGIONAL SKEW	1.100	1.200	1.100	1.000	.900	.900
SKEW USED	1.100	1.200	1.100	1.000	.900	.900
KURTOSIS	3.397	2.744	2.020	3.016	2.766	3.014
RECORD YEAR	1963	1963	1963	1962	1962	1968
RECORD MAXIMUM	2.600	3.260	3.260	4.720	6.900	22.050
NORMALIZED MAX	1.972	2.071	1.609	2.131	1.459	2.316
CALC. COEF. VAR	.398	.366	.372	.359	.369	.349
REGIONAL COEF. VAR	.403	.430	.430	.410	.393	.332
USED COEF. VAR	.403	.430	.430	.410	.393	.332
MEAN/A	.1195	.1521	.1673	.2192	.3679	1.0000
RP10/A	.1841	.2398	.2637	.3397	.5615	1.4445
RP25/A	.2190	.2887	.3158	.4029	.6599	1.6761
RP50/A	.2440	.3239	.3532	.4477	.7291	1.8294
RP100/A	.2682	.3582	.3892	.4909	.7955	1.9818
RP1000/A	.3446	.4671	.5034	.6265	1.0024	2.4568
RP10000/A	.4174	.5716	.6121	.7547	1.1963	2.9020
PMP/A	.8470	1.1334	1.2460	1.5676	2.5368	5.9860

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
ASN ORDER SUB C00 442 0	RAKERSFIELD	494	02	295	27E	0	M	35.427	119.043	15

MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	7650
2	.90	1.04	1.12	1.19	1.24	1.29	1.37	1.48	1.71	1.91	2.26	3.04	5.69
5	1.24	1.48	1.61	1.72	1.80	1.87	1.99	2.13	2.51	2.77	3.19	4.33	7.83
10	1.46	1.77	1.94	2.08	2.18	2.27	2.42	2.56	3.05	3.34	3.79	5.18	9.17
20	1.68	2.05	2.26	2.42	2.54	2.64	2.82	2.96	3.54	3.88	4.35	5.98	10.42
25	1.75	2.14	2.36	2.53	2.66	2.76	2.95	3.09	3.73	4.05	4.52	6.23	10.80
40	1.88	2.33	2.56	2.76	2.89	3.01	3.21	3.35	4.06	4.40	4.80	6.74	11.59
50	1.95	2.41	2.66	2.86	3.00	3.12	3.34	3.48	4.22	4.57	5.04	6.98	11.95
100	2.15	2.68	2.96	3.19	3.34	3.47	3.72	3.86	4.71	5.07	5.55	7.71	13.07
200	2.34	2.94	3.25	3.50	3.68	3.82	4.09	4.23	5.18	5.57	6.04	8.42	14.15
1000	2.79	3.53	3.92	4.23	4.44	4.61	4.94	5.07	6.27	6.68	7.14	10.04	16.56
10000	3.40	4.36	4.85	5.24	5.51	5.72	6.13	6.24	7.78	8.24	8.67	12.27	19.86
PMP	6.46	8.17	9.13	9.89	10.39	10.81	11.59	12.04	14.75	15.97	17.54	24.27	40.78
MEAN	.973	1.147	1.238	1.316	1.379	1.430	1.522	1.626	1.903	2.105	2.438	3.311	6.073
CLOCK HR. COR.	1.140	1.070	1.050	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.348	1.684	1.551	1.617	1.807	1.645	1.303	1.213	1.406	1.098	1.017	.754	.656
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.100	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.100	1.100	1.200	1.000
KURTOSIS	6.017	8.213	8.534	7.896	9.029	8.283	6.428	5.599	6.302	4.947	4.950	3.715	3.257
RECORD YEAR	59	59	59	59	59	59	59	59	59	59	59	59	59
RECORD MAXIMUM	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1941
RECORD MAXIMUM	2.000	2.480	3.320	3.650	3.960	3.960	3.980	4.07	4.840	4.950	5.690	7.140	11.610
NORMALIZED MAX	2.885	3.900	4.177	4.159	4.424	4.325	4.042	3.769	3.752	3.420	3.521	3.107	2.826
CALC. COEF. VAR	.365	.410	.403	.426	.423	.409	.400	.399	.408	.395	.379	.372	.347
REGIONAL COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	.1603	.1889	.2038	.2168	.2270	.2355	.2505	.2677	.3134	.3466	.4015	.5451	1.0000
RP10/A	.2410	.2919	.3196	.3425	.3593	.3731	.3982	.4208	.5019	.5504	.6238	.8535	1.4107
RP25/A	.2874	.3529	.3881	.4169	.4376	.4545	.4856	.5088	.6135	.6875	.7840	1.0254	1.7783
RP50/A	.3210	.3975	.4382	.4713	.4948	.5140	.5495	.5726	.6950	.7524	.8301	1.1493	1.9685
RP100/A	.3538	.4411	.4872	.5245	.5508	.5722	.6120	.6344	.7748	.8353	.9133	1.2696	2.1516
RP1000/A	.4590	.5816	.6452	.6961	.7313	.7599	.8135	.8343	1.0320	1.1007	1.1764	1.6528	2.7264
RP10000/A	.5565	.7182	.7986	.8627	.9066	.9422	1.0092	1.0268	1.2819	1.3570	1.4270	2.0203	3.2694
PMP/A	1.0643	1.3451	1.5032	1.6278	1.7116	1.7793	1.9079	1.9826	2.4290	2.6292	2.8886	3.9558	6.7150

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY			
C00 1851 0	CLOVIS	375	33	125	21E	N	M	36.833	119.760	10			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.30	1.63	1.80	1.94	2.13	2.27	2.52	2.77	3.21	3.50	4.41	6.27	11.52
5	1.79	2.31	2.59	2.81	3.09	3.29	3.64	3.98	4.71	5.07	6.23	8.95	16.84
10	2.12	2.78	3.12	3.40	3.74	3.99	4.44	4.74	5.72	6.12	7.40	10.71	18.57
20	2.43	3.22	3.63	3.96	4.36	4.65	5.18	5.55	6.67	7.12	8.49	12.35	21.08
25	2.52	3.36	3.79	4.14	4.56	4.86	5.42	5.79	7.00	7.43	8.83	12.86	21.85
40	2.72	3.65	4.13	4.51	4.96	5.29	5.90	6.28	7.63	8.07	9.00	13.92	23.45
50	2.82	3.78	4.28	4.68	5.15	5.49	6.13	6.51	7.93	8.37	9.45	14.42	24.19
100	3.11	4.20	4.76	5.21	5.73	6.12	6.83	7.22	8.84	9.29	10.84	15.93	26.44
200	3.39	4.60	5.23	5.73	6.31	6.73	7.51	7.91	9.73	10.20	11.80	17.40	28.63
1000	4.63	5.53	6.31	6.91	7.61	8.12	9.07	9.49	11.77	12.25	13.96	20.73	33.51
10000	4.92	6.83	7.81	8.57	9.44	10.07	11.26	11.68	14.62	15.10	16.94	25.34	40.18
PMP	9.35	12.79	14.69	16.17	17.82	19.02	21.28	22.55	27.70	28.26	34.29	50.12	82.53
MEAN	1.468	1.797	1.992	2.153	2.363	2.518	2.795	3.045	3.575	3.857	4.766	6.838	12.290
CLOCK HR. COR.	1.140	1.470	1.640	1.820	1.910	1.910	1.808	1.800	1.800	1.800	1.800	1.800	1.800
CALCULATED SKEW	2.498	2.707	1.397	1.427	1.128	1.013	0.948	0.972	0.851	0.898	0.998	1.137	0.728
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	2.733	3.925	6.208	5.975	5.233	4.110	3.820	2.698	2.728	2.709	3.488	5.540	3.705
N	30	30	30	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938
RECORD MAXIMUM	2.498	3.240	4.170	4.470	4.490	4.490	5.465	5.470	6.761	7.410	9.740	16.410	23.440
NORMALIZED MAX	1.368	2.395	3.116	3.330	3.086	2.518	2.624	2.287	2.213	2.153	2.514	3.260	2.639
CALC. COEF. VAR	0.131	0.335	0.351	0.344	0.319	0.343	0.362	0.377	0.403	0.416	0.415	0.438	0.345
REGN. COEF. VAR	0.376	0.408	0.425	0.434	0.436	0.437	0.441	0.427	0.450	0.439	0.413	0.422	0.381
USED COEF. VAR	0.376	0.408	0.425	0.434	0.436	0.437	0.441	0.427	0.450	0.439	0.413	0.422	0.381
MEAN/A	1.145	1.1462	1.621	1.1752	1.1923	1.2049	1.2274	1.2478	1.2909	1.3138	1.3878	1.5564	1.0000
RP10/A	1.072	1.2259	1.2542	1.2768	1.3044	1.3245	1.3614	1.3894	1.4653	1.4983	1.6025	1.8711	1.5107
RP25/A	1.253	1.2731	1.3087	1.3369	1.3707	1.3953	1.4408	1.4704	1.5694	1.6043	1.7186	1.0465	1.7783
RP50/A	1.294	1.3076	1.3485	1.3808	1.4192	1.4471	1.4987	1.5294	1.6450	1.6812	1.8017	1.1730	1.9685
RP100/A	1.258	1.3414	1.3875	1.4258	1.4666	1.4977	1.5559	1.5791	1.7562	1.8821	1.2958	2.1515	1.9685
RP1000/A	1.329	1.502	1.5131	1.5625	1.6195	1.6616	1.7383	1.7720	1.9578	1.9966	1.1362	1.6869	2.7204
RP10000/A	1.405	1.5558	1.6352	1.6971	1.7680	1.8196	1.9160	1.9502	1.1896	1.2286	1.3783	2.0620	3.2696
PMP/A	7.605	1.6410	1.1956	1.3154	1.4500	1.5477	1.7316	1.8347	2.2542	2.3805	2.7001	4.0782	6.7150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE		
C00 2346 0	DELAND		323	11	255	25E	A	M	35.773	119.246	15		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.97	1.16	1.28	1.35	1.43	1.55	1.63	1.76	1.95	2.12	2.55	3.54	7.00
5	1.34	1.65	1.85	1.95	2.08	2.25	2.38	2.53	2.86	3.08	3.61	5.06	9.62
10	1.59	1.98	2.23	2.37	2.52	2.72	2.88	3.05	3.48	3.71	4.29	6.05	11.27
20	1.82	2.30	2.59	2.76	2.93	3.17	3.37	3.53	4.07	4.31	4.92	6.97	12.80
25	1.84	2.40	2.70	2.88	3.07	3.31	3.52	3.68	4.25	4.50	5.11	7.26	13.27
40	2.05	2.60	2.94	3.13	3.34	3.61	3.83	4.00	4.64	4.89	5.21	7.86	14.24
50	2.12	2.70	3.05	3.25	3.47	3.75	3.98	4.14	4.82	5.07	5.70	8.14	14.69
100	2.33	2.99	3.39	3.62	3.86	4.17	4.43	4.59	5.37	5.63	6.28	8.99	16.06
200	2.55	3.29	3.73	3.98	4.24	4.59	4.88	5.04	5.91	6.18	6.83	9.83	17.39
1000	3.03	3.95	4.49	4.81	5.12	5.54	5.89	6.04	7.15	7.42	8.08	11.71	20.34
10000	3.70	4.68	5.56	5.96	6.35	6.87	7.31	7.43	8.88	9.15	9.81	14.31	24.40
PMP	7.02	9.13	10.47	11.24	11.99	12.97	13.82	14.35	16.83	17.73	19.85	28.31	50.11
MEAN	1.057	1.283	1.420	1.497	1.590	1.716	1.815	1.938	2.172	2.337	2.759	3.862	7.462
CLOCK HR. COR.	1.146	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.815	1.405	.948	.907	.827	1.014	1.209	.982	1.244	1.212	1.180	1.553	3.055
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	3.413	4.854	3.258	3.081	2.915	3.394	4.559	3.904	4.908	4.486	3.978	6.048	14.488
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1969	1899	1899	1962	1962	1969	1969	1969	1969	1969	1969	1969	1971
RECORD MAXIMUM	1.870	2.780	2.780	2.870	3.200	3.758	4.320	4.350	5.080	5.310	5.940	9.200	28.010
NORMALIZED MAX	1.962	2.606	2.118	2.058	2.343	2.573	3.015	2.812	2.832	2.708	2.517	3.038	4.342
CALC. COEF. VAR	.292	.466	.492	.461	.458	.470	.478	.470	.478	.478	.478	.478	.478
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	.1416	.1719	.1903	.2006	.2131	.2300	.2437	.2597	.2911	.3132	.3697	.5175	1.0000
RP10/A	.2130	.2656	.2984	.3170	.3373	.3644	.3865	.4082	.4662	.4973	.5744	.8103	1.5107
RP25/A	.2539	.3211	.3623	.3859	.4108	.4439	.4714	.4935	.5698	.6031	.6734	.9734	1.7783
RP50/A	.2837	.3616	.4092	.4361	.4645	.5000	.5333	.5554	.6555	.6788	.7644	1.0911	1.9685
RP100/A	.3127	.4013	.4548	.4854	.5171	.5588	.5940	.6157	.7196	.7547	.8410	1.2053	2.1516
RP1000/A	.4056	.5292	.6023	.6441	.6866	.7421	.7894	.8092	.9585	.9946	1.0833	1.5691	2.7264
RP10000/A	.4953	.6534	.7456	.7984	.8512	.9207	.9796	.9959	1.1906	1.2261	1.3140	1.9180	3.2696
PMP/A	9.405	1.2238	1.4003	1.5064	1.6070	1.7377	1.8519	1.9229	2.2559	2.3756	2.6599	3.7934	6.7150

PEARSON TYPE III DISTRIBUTION USED

WHEN MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. R5N ORDER SUB C00 3257 0	STATION NAME FRESNO A P		ELEV 331	SEC 30	TWP 135	RNG LOT P1E J	BWM M	LATITUDE 36.770	LONGITUDE 119.717	COUNTY CODE 10			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.22	1.50	1.62	1.71	1.82	1.93	2.04	2.30	2.63	2.93	3.55	4.98	9.13
5	1.68	2.13	2.33	2.48	2.64	2.80	3.03	3.31	3.86	4.25	5.01	7.11	17.54
10	1.99	2.56	2.81	3.00	3.20	3.39	3.68	3.97	4.69	5.13	5.95	8.80	14.71
20	2.29	2.96	3.27	3.50	3.73	3.95	4.29	4.61	5.48	5.96	6.83	9.80	16.69
25	2.38	3.09	3.41	3.65	3.89	4.12	4.48	4.81	5.73	6.22	7.10	10.21	17.31
40	2.57	3.36	3.71	3.98	4.24	4.49	4.80	5.12	6.25	6.76	7.73	11.05	18.57
50	2.66	3.48	3.85	4.13	4.40	4.66	5.07	5.41	6.49	7.01	7.92	11.44	19.16
100	2.93	3.86	4.28	4.60	4.90	5.19	5.65	6.00	7.24	7.78	8.71	12.64	20.94
200	3.19	4.24	4.71	5.05	5.39	5.71	6.22	6.57	7.97	8.54	9.48	13.81	22.67
1000	3.80	5.09	5.67	6.10	6.51	6.89	7.51	7.88	9.64	10.26	11.22	16.46	26.54
10000	4.64	6.29	7.02	7.56	8.07	8.55	9.32	9.70	11.97	12.45	13.61	20.12	31.83
PMP	8.80	11.78	13.22	14.26	15.23	16.14	17.62	18.73	22.68	24.50	27.56	39.79	65.37

MEAN	1.326	1.655	1.792	1.899	2.019	2.137	2.313	2.529	2.927	3.230	3.830	5.429	9.734
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.784	.928	1.010	1.126	1.255	1.285	1.565	1.577	1.553	1.388	1.111	1.480	1.417
REGIONAL SKEW	1.360	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.300	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	3.532	3.583	3.615	3.684	4.381	4.202	5.900	6.050	6.824	5.954	4.896	6.677	6.374
N	88	88	88	88	88	88	88	88	88	88	88	88	88
RECORD YEAR	1965	1901	1956	1938	1956	1901	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	3.240	3.180	3.630	4.053	4.201	4.610	4.110	6.511	8.251	6.510	9.040	14.760	23.000
NORMALIZED MAX	2.247	2.531	2.707	2.900	2.900	2.900	4.038	4.395	4.445	4.144	3.615	4.423	4.283
CALC. COEF. VAR	.354	.364	.379	.390	.382	.388	.406	.384	.407	.394	.376	.397	.326
REGION. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.1362	1.1700	1.1841	1.1951	1.2075	1.2195	1.2376	1.2598	1.3007	1.3318	1.3934	1.5577	1.0000
RP10/A	.7048	.7627	.7887	.8083	.8284	.8478	.8777	.9083	.9416	.9689	.1013	.1071	1.0000
RP25/A	.7442	.8175	.8405	.8573	.8749	.8923	.9166	.9377	.9688	.9899	1.0101	1.0400	1.0000
RP50/A	.7728	.8576	.8957	.9242	.9522	.9791	.1012	.1050	.1088	.1126	.1164	1.1757	1.0000
RP100/A	.8307	.9369	.1000	.1072	.1134	.1196	.1258	.1320	.1382	.1444	.1506	1.1589	1.0000
RP1000/A	.1300	.1523	.1587	.1668	.1750	.1831	.1912	.2000	.2088	.2176	.2264	1.2264	1.0000
RP10000/A	.1763	.1862	.1923	.1984	.2045	.2106	.2167	.2228	.2289	.2350	.2411	1.2411	1.0000
PMP/A	.9044	1.2102	1.3576	1.4654	1.5642	1.6584	1.7497	1.8388	2.1304	2.3304	2.5169	4.0878	6.7150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. R5N ORDER SUB C00 3747 0	STATION NAME MANFORD	ELEV 242	SEC 26	TWP 185	RNG LOT 21E P	BWM M	LATITUDE 36.329	LONGITUDE 119.665	COUNTY CODE 16				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.05	1.28	1.40	1.51	1.59	1.67	1.80	1.92	2.23	2.43	2.91	4.01	7.36
5	1.44	1.81	2.02	2.18	2.31	2.43	2.62	2.76	3.27	3.53	4.11	5.73	10.11
10	1.71	2.17	2.43	2.64	2.79	2.94	3.18	3.32	3.99	4.26	4.88	6.85	11.86
20	1.96	2.52	2.83	3.08	3.25	3.43	3.71	3.85	4.65	4.95	5.60	7.90	13.46
25	2.04	2.63	2.92	3.21	3.40	3.58	3.88	4.01	4.86	5.16	5.83	8.23	13.96
40	2.20	2.85	3.22	3.50	3.70	3.90	4.22	4.36	5.30	5.61	5.93	8.91	14.98
100	2.27	2.96	3.34	3.63	3.84	4.05	4.39	4.52	5.51	5.82	6.50	9.22	15.45
200	2.51	3.28	3.71	4.04	4.28	4.51	4.89	5.01	6.14	6.46	7.15	10.19	16.89
1000	2.74	3.60	4.08	4.45	4.71	4.96	5.40	5.67	6.76	7.09	7.79	11.13	18.28
10000	3.25	4.33	4.91	5.36	5.68	5.98	6.50	6.58	8.18	8.52	9.21	13.27	21.40
10000 PMP	3.97	5.34	6.08	6.65	7.04	7.42	8.06	8.10	10.16	10.50	11.17	16.21	25.66
	7.54	10.01	11.45	12.54	13.30	14.01	15.23	15.64	19.25	20.35	22.62	32.07	52.71

MEAN	1.136	1.406	1.552	1.670	1.764	1.854	2.000	2.112	2.484	2.682	3.144	4.375	7.849
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.195	1.227	1.253	1.287	1.307	1.331	1.375	1.395	1.425	1.450	1.474	1.501	1.539
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	5.799	4.293	4.643	3.978	4.079	4.011	4.913	4.922	5.130	5.266	6.061	6.522	4.509
N	65	65	65	65	65	65	65	65	65	65	65	65	65
RECORD YEAR	1960	1956	1956	1918	1918	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.100	2.930	3.480	3.740	3.890	3.910	4.670	4.950	6.270	6.610	7.730	11.800	17.350
NORMALIZED MAX	2.403	3.019	3.044	2.992	2.859	2.774	3.192	3.364	3.736	3.587	3.583	4.045	3.413
CALC. COEF. VAR	.322	.359	.400	.414	.422	.400	.418	.399	.400	.408	.407	.420	.355
REGION. COEF. VAR	.326	.408	.427	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.1447	1.1791	1.1978	1.2128	1.2247	1.2363	1.2549	1.2691	1.3164	1.3417	1.4005	1.5574	1.0000
RP10/A	.2176	.2768	.3101	.3362	.3556	.3743	.4051	.4230	.5068	.5426	.6223	.8727	1.5107
RP25/A	.2594	.3346	.3766	.4093	.4331	.4559	.4940	.5114	.6194	.6580	.7422	1.0485	1.7783
RP50/A	.2898	.3769	.4252	.4627	.4897	.5156	.5590	.5756	.7017	.7418	.8281	1.1752	1.9685
RP100/A	.3194	.4189	.4677	.5049	.5285	.5510	.6026	.6191	.7723	.8235	.9111	1.2423	2.1515
RP1000/A	.4143	.5515	.6260	.6834	.7238	.7623	.8575	.8866	1.0419	1.0952	1.1736	1.6900	2.7264
RP10000/A	.5060	.6810	.7749	.8470	.8974	.9452	1.0266	1.0322	1.2942	1.3379	1.4236	2.0558	3.7696
PMP/A	.9608	1.2754	1.4586	1.5981	1.6942	1.7849	1.9408	1.9929	2.4523	2.5921	2.8817	4.0859	6.7150

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 4534 0	STATION NAME KETTLEMAN CITY	ELEV 310	SEC 19	TWP 22S	RNG LOT 19E C	HWM M	LATITUDE 35.993	LONGITUDE 119.945	COUNTY CODE 16				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.96	1.21	1.32	1.37	1.44	1.55	1.62	1.72	1.90	2.07	2.50	3.68	6.48
5	1.33	1.72	1.90	1.98	2.09	2.26	2.35	2.48	2.79	3.00	3.54	4.83	7.81
10	1.57	2.07	2.29	2.40	2.53	2.73	2.85	2.98	3.39	3.62	4.20	5.77	9.15
20	1.80	2.39	2.66	2.79	2.95	3.19	3.33	3.45	3.96	4.21	4.82	6.66	10.39
25	1.86	2.50	2.78	2.92	3.08	3.33	3.48	3.60	4.14	4.39	5.04	6.99	10.77
40	2.02	2.71	3.02	3.18	3.36	3.62	3.79	3.91	4.52	4.77	5.11	7.51	11.56
50	2.09	2.81	3.13	3.30	3.48	3.76	3.94	4.05	4.69	4.95	5.59	7.78	11.93
100	2.31	3.12	3.49	3.67	3.88	4.19	4.38	4.49	5.23	5.50	6.15	8.59	13.04
200	2.52	3.43	3.83	4.04	4.27	4.61	4.82	4.92	5.76	6.03	6.70	9.39	14.11
1000	3.00	4.12	4.62	4.87	5.15	5.56	5.83	5.90	6.97	7.24	7.92	11.18	16.52
10000	3.64	5.08	5.71	6.04	6.39	6.90	7.23	7.26	8.65	8.93	9.61	13.67	19.81
PMP	6.95	9.52	10.75	11.40	12.06	13.03	13.67	14.02	16.39	17.30	19.46	27.03	40.68

MEAN	1.046	1.337	1.458	1.517	1.599	1.725	1.795	1.894	2.115	2.281	2.704	3.688	6.058
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.843	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
KURTOSIS	2.457	3.044	3.424	3.707	3.216	5.476	6.280	5.506	6.679	5.950	5.968	7.955	6.515
N	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	1.470	2.550	2.920	3.240	3.480	4.300	4.720	4.720	5.660	6.100	6.100	10.100	14.800
NORMALIZED MAX	1.551	2.068	2.173	2.086	2.367	3.166	3.427	3.253	3.517	3.380	3.329	3.649	4.179
CALC. COEF. VAR	.385	.439	.461	.462	.452	.476	.459	.459	.495	.467	.481	.422	.381
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.727	2.207	2.407	2.504	2.639	2.847	2.943	3.326	3.392	3.764	4.454	6.087	1.0000
RP10/A	.2586	.3411	.3774	.3957	.4177	.4649	.4709	.4911	.5592	.5977	.6935	.9530	1.1107
RP25/A	.3095	.4123	.4583	.4817	.5087	.5493	.5742	.5939	.6935	.7248	.8272	1.1204	1.7783
RP50/A	.3458	.4643	.5174	.5445	.5752	.6212	.6497	.6684	.7743	.8171	.9229	1.2834	1.9685
RP100/A	.3811	.5153	.5753	.6060	.6403	.6916	.7236	.7411	.8632	.9071	1.0154	1.4177	2.1516
RP1000/A	.4944	.6708	.7619	.8042	.8502	.9188	.9619	.9739	1.1953	1.3079	1.8456	2.7264	
RP10000/A	.6037	.8391	.9431	.9968	1.0540	1.1389	1.1934	1.1987	1.4281	1.4737	1.5805	2.2559	3.2696
PMP/A	1.1464	1.5715	1.7751	1.8899	1.9898	2.1507	2.2560	2.3146	2.7061	2.8552	3.2115	4.4619	6.7150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 4536 0	STATION NAME KETTLEMAN STATION		ELEV 508	SEC 25	TWP 21S	RNG LOT 17E L	HWM M	LATITUDE 36.074	LONGITUDE 120.045	COUNTY CODE 16			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.03	1.28	1.40	1.48	1.54	1.60	1.72	1.86	2.14	2.24	2.69	3.63	6.23
5	1.42	1.82	2.01	2.14	2.23	2.32	2.50	2.67	3.13	3.25	3.79	5.18	8.56
10	1.68	2.18	2.42	2.59	2.70	2.81	3.03	3.22	3.81	3.92	4.51	6.19	10.03
20	1.93	2.53	2.82	3.01	3.15	3.27	3.54	3.73	4.45	4.55	5.17	7.14	11.39
25	2.00	2.63	2.94	3.15	3.29	3.42	3.70	3.89	4.66	4.75	5.38	7.44	11.81
40	2.16	2.86	3.20	3.43	3.59	3.72	4.03	4.22	5.08	5.16	5.48	8.05	12.67
50	2.24	2.97	3.32	3.56	3.72	3.87	4.19	4.38	5.28	5.36	6.00	8.34	13.08
100	2.47	3.29	3.69	3.96	4.15	4.30	4.66	4.85	5.88	5.95	6.60	9.21	14.29
200	2.69	3.61	4.06	4.36	4.56	4.74	5.13	5.32	6.48	6.53	7.19	10.06	16.47
1000	3.20	4.34	4.89	5.26	5.50	5.72	6.20	6.38	7.83	7.84	8.50	11.49	18.11
10000	3.91	5.36	6.05	6.52	6.82	7.09	7.69	7.85	9.73	9.66	10.31	14.65	21.72
PMP	7.42	10.04	11.39	12.29	12.88	13.38	14.53	15.15	18.44	18.72	20.88	28.98	44.60

MEAN	1.117	1.410	1.544	1.637	1.708	1.772	1.909	2.046	2.379	2.468	2.901	3.954	6.642
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.436	.304	.543	.769	.774	.913	1.065	.925	1.340	1.186	1.041	.699	1.334
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	3.077	3.192	2.597	3.087	3.208	3.278	4.071	3.769	5.571	5.001	3.625	6.526	4.944
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1964	1956	1962	1974	1974	1974	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	1.680	2.170	2.600	3.120	3.360	3.360	3.860	4.190	5.650	5.660	6.390	10.370	14.710
NORMALIZED MAX	1.379	1.579	1.670	2.077	2.150	2.139	2.437	2.425	2.857	2.748	2.437	3.019	2.457
CALC. COEF. VAR	.365	.341	.410	.436	.450	.419	.420	.432	.481	.471	.443	.538	.494
REGN. COEF. VAR	.376	.408	.425	.434	.436	.436	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.082	.2123	.2324	.2465	.2572	.2667	.2873	.3081	.3582	.3716	.4368	.5953	1.0000
RP10/A	.2529	.3281	.3645	.3895	.4071	.4225	.4567	.4843	.5736	.5900	.6788	.9320	1.5107
RP25/A	.3015	.3966	.4426	.4741	.4958	.5147	.5564	.5855	.7011	.7155	.8095	1.1197	1.7783
RP50/A	.3368	.4467	.4997	.5359	.5606	.5821	.6302	.6589	.7942	.8065	.9032	1.2551	1.9685
RP100/A	.3713	.4957	.5525	.5934	.6241	.6480	.7019	.7306	.8854	.8939	.9917	1.3625	2.1516
RP1000/A	.4616	.6537	.7358	.7915	.8286	.8606	.9329	.9601	1.1794	1.1799	1.2800	1.8049	2.7295
RP10000/A	.5881	.8072	.9108	.9810	1.0273	1.0670	1.1574	1.1817	1.4649	1.4546	1.5527	2.2062	3.2696
PMP/A	1.1168	1.5117	1.7142	1.8510	1.9394	2.0150	2.1880	2.2816	2.7758	2.8184	3.1430	4.3635	6.7150

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 4957 0	STATION NAME LINDSAY	ELEV 395	SEC 17	TWP 20S	RNG LOT 27E F	RMW M	LATITUDE 36.14N	LONGITUDE 114.072	COUNTY CODE 54	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.33	1.63	1.79	1.92	2.00	2.11	2.29	2.52	2.89	3.24
5	1.84	2.32	2.57	2.78	2.91	3.04	3.33	3.62	4.24	4.70
10	2.17	2.78	3.10	3.37	3.52	3.71	4.04	4.35	5.15	5.67
20	2.44	3.22	3.61	3.92	4.10	4.32	4.72	5.04	6.02	6.58
25	2.59	3.36	3.77	4.10	4.29	4.51	4.93	5.26	6.29	6.87
40	2.86	3.65	4.10	4.46	4.67	4.92	5.37	5.71	6.86	7.47
50	2.89	3.78	4.25	4.63	4.85	5.11	5.58	5.92	7.13	7.75
100	3.19	4.20	4.73	5.15	5.39	5.68	6.21	6.57	7.95	8.60
200	3.48	4.61	5.20	5.67	5.93	6.25	6.84	7.20	8.75	9.44
1000	4.14	5.54	6.26	6.84	7.16	7.55	8.26	8.63	10.59	11.33
10000	5.05	6.84	7.75	8.48	8.88	9.36	10.25	10.62	13.15	13.97
PMP	9.59	12.80	14.60	16.00	16.76	17.68	19.37	20.51	24.92	27.07
MEAN	1.445	1.798	1.979	2.130	2.223	2.340	2.543	2.769	3.215	3.569
CLOCK HR. COR.	1.140	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.243	1.676	1.334	1.137	1.027	1.026	1.190	1.284	1.253	1.080
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.100
KURTOSIS	10.215	6.743	4.999	4.842	4.517	4.143	3.700	3.979	3.407	3.403
N	47	47	47	47	47	47	47	47	47	47
RECORD YEAR	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969
RECORD MAXIMUM	3.571	4.576	4.708	5.380	5.510	5.510	5.740	6.188	7.770	8.840
NORMALIZED MAX	3.448	3.433	3.167	3.251	3.150	3.016	2.764	2.737	2.873	2.775
CALC. COEF. VAR	.425	.449	.431	.469	.449	.449	.455	.450	.449	.439
REGION. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439
MEAN/A	1.301	1.619	1.782	1.918	2.002	2.107	2.220	2.494	2.895	3.214
RP10/A	1.946	2.592	2.795	3.031	3.164	3.337	3.649	3.919	4.637	5.103
RP25/A	2.233	3.025	3.394	3.690	3.859	4.066	4.439	4.739	5.668	6.188
RP50/A	2.606	3.407	3.832	4.171	4.363	4.598	5.023	5.333	6.421	6.976
RP100/A	2.872	3.780	4.260	4.642	4.857	5.119	5.594	5.913	7.158	7.744
RP1000/A	3.726	4.985	5.641	6.160	6.449	6.758	7.177	7.538	9.026	9.726
RP10000/A	4.550	6.155	6.983	7.635	7.995	8.420	8.954	9.561	11.842	12.852
PMP/A	8.640	11.529	13.144	14.407	15.095	15.917	17.441	18.466	22.440	24.377

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 5257 0	STATION NAME MAGUNEN	ELEV 440	SEC 36	TWP 29S	RNG LOT P8E G	RMW M	LATITUDE 35.362	LONGITUDE 114.922	COUNTY CODE 15	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	.87	1.00	1.08	1.15	1.18	1.23	1.31	1.41	1.60	1.82
5	1.20	1.43	1.55	1.67	1.71	1.78	1.90	2.03	2.35	2.63
10	1.42	1.71	1.86	2.02	2.07	2.16	2.31	2.44	2.86	3.18
20	1.63	1.98	2.17	2.35	2.41	2.51	2.69	2.83	3.34	3.69
25	1.70	2.07	2.26	2.45	2.52	2.63	2.81	2.95	3.49	3.85
40	1.83	2.24	2.46	2.67	2.75	2.86	3.06	3.20	3.81	4.19
50	1.89	2.33	2.56	2.77	2.85	2.97	3.18	3.32	3.96	4.34
100	2.09	2.58	2.84	3.09	3.17	3.31	3.54	3.68	4.41	4.82
200	2.28	2.84	3.12	3.40	3.49	3.64	3.90	4.03	4.86	5.29
1000	2.71	3.41	3.76	4.10	4.21	4.39	4.71	4.83	5.88	6.35
10000	3.31	4.21	4.66	5.08	5.22	5.44	5.84	5.95	7.30	7.83
PMP	6.28	7.88	8.77	9.58	9.86	10.28	11.05	11.18	13.83	15.17
MEAN	.946	1.107	1.189	1.276	1.308	1.361	1.451	1.551	1.785	2.000
CLOCK HR. COR.	1.140	1.070	1.010	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.536	.781	.970	.860	.964	.871	.672	.635	.961	.969
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.100
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.100
KURTOSIS	3.647	3.173	3.699	3.357	3.775	3.499	2.965	2.849	3.969	3.739
N	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1943	1961	1943	1943	1943	1943	1938	1933	1962	1962
RECORD MAXIMUM	1.680	1.930	2.330	2.530	2.720	2.720	2.750	2.880	3.880	4.360
NORMALIZED MAX	2.218	2.089	2.458	2.530	2.646	2.559	2.374	2.282	2.891	2.952
CALC. COEF. VAR	.350	.356	.390	.405	.408	.390	.377	.376	.406	.389
REGION. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439
MEAN/A	1.175	1.1726	1.1855	1.1990	1.2040	1.2122	1.2263	1.2418	1.2784	1.3120
RP10/A	2.218	2.667	2.969	3.144	3.229	3.362	3.596	3.801	4.458	4.954
RP25/A	2.645	3.224	3.532	3.827	3.933	4.095	4.385	4.596	5.449	6.007
RP50/A	2.954	3.631	3.981	4.326	4.447	4.631	4.962	5.172	6.172	6.759
RP100/A	3.254	4.031	4.434	4.814	4.950	5.156	5.527	5.735	6.881	7.518
RP1000/A	4.024	5.314	5.971	6.589	6.573	6.847	7.346	7.536	9.165	9.907
RP10000/A	5.158	6.651	7.268	7.919	8.148	8.490	9.114	9.275	11.384	12.214
PMP/A	9.796	12.287	13.680	14.942	15.384	16.033	17.229	17.709	21.572	23.653

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. H5N ORDER SUB C00 4476 0	STATION NAME ORANGE COVE	ELEV 431	SEC 13	TWP 155	RNG LOT P4E K	RNM M	LATITUDE 36.622	LONGITUDE 119.311	COUNTY CODE 10				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.47	1.93	2.09	2.22	2.31	2.44	2.67	2.94	3.42	3.82	4.49	6.61	19.04
5	2.02	2.74	3.00	3.21	3.36	3.54	3.82	4.22	5.01	5.53	6.34	9.43	14.55
10	2.40	3.24	3.62	3.89	4.06	4.31	4.63	5.06	6.09	6.68	7.53	11.28	19.41
20	2.75	3.81	4.21	4.53	4.73	5.02	5.40	5.88	7.12	7.76	8.64	13.01	22.03
25	2.86	3.97	4.40	4.73	4.93	5.25	5.65	6.14	7.44	8.10	8.98	13.55	22.84
40	3.19	4.31	4.79	5.15	5.35	5.72	6.15	6.66	8.12	8.80	9.75	14.66	24.54
50	3.19	4.47	4.97	5.35	5.59	5.93	6.39	6.91	8.43	9.13	10.02	15.18	25.29
100	3.52	4.96	5.52	5.95	6.23	6.61	7.12	7.66	9.40	10.13	11.03	16.77	27.64
200	3.84	5.44	6.07	6.55	6.85	7.27	7.83	8.34	10.35	11.12	12.01	18.33	29.42
1000	4.56	6.54	7.31	7.90	8.27	8.77	9.44	10.06	12.52	13.35	14.20	21.84	35.02
10000	5.57	8.08	9.05	9.79	10.25	10.88	11.74	12.39	15.55	16.46	17.21	26.69	42.00
PMP	10.58	15.13	17.04	18.47	19.35	20.54	22.10	23.92	29.47	31.89	34.88	52.79	86.27
MEAN	1.594	2.125	2.311	2.460	2.566	2.719	2.913	3.230	3.803	4.205	4.847	7.202	12.847
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.809	.813	1.141	1.205	1.142	1.048	1.428	1.238	1.367	1.186	1.300	1.390	.997
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.000	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.000	1.000
KUNTO515	3.141	2.825	3.784	3.943	3.787	3.570	5.474	4.550	5.089	4.402	4.551	5.497	3.628
N	42	42	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1947	1956	1956	1956	1956	1966	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.620	4.444	5.080	5.470	5.730	5.970	7.870	8.05	10.060	10.260	11.130	17.660	26.990
NORMALIZED MAX	1.075	2.159	2.474	2.800	2.836	2.944	3.406	3.204	3.421	3.209	3.108	3.585	2.937
CALC. COEF. VAR	.363	.417	.448	.474	.468	.470	.491	.466	.481	.440	.404	.411	.375
REGION. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.241	1.654	1.799	1.915	1.997	2.117	2.268	2.514	2.960	3.273	3.773	5.606	1.0000
RP10/A	1.865	2.556	2.821	3.025	3.162	3.353	3.605	3.952	4.741	5.197	5.863	8.778	1.4107
RP25/A	2.224	3.160	3.425	3.683	3.851	4.055	4.307	4.777	5.795	6.303	6.992	1.0545	1.7783
NP50/A	2.485	3.460	3.867	4.163	4.354	4.619	4.974	5.377	6.585	7.105	7.801	11.820	1.9685
RP100/A	2.739	3.961	4.500	4.633	4.847	5.143	5.539	5.961	7.318	7.887	8.583	1.3058	2.1516
RP1000/A	3.352	5.092	5.694	6.148	6.435	6.830	7.363	7.984	9.748	1.0394	1.1055	1.6998	2.7264
RP10000/A	4.338	6.987	7.048	7.620	7.978	8.668	9.125	9.642	12.088	1.2814	1.3611	2.0778	3.2696
PMP/A	8.238	1.1776	1.3266	1.4379	1.5061	1.5992	1.7269	1.8617	2.2943	2.4827	2.7149	4.1095	4.7150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB C00 7077 0	STATION NAME PORTERVILLE	ELEV 393	SEC 26	TWP 215	RNG LOT P7E R	RNM M	LATITUDE 34.066	LONGITUDE 119.021	COUNTY CODE 54				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.31	1.64	1.79	1.93	2.00	2.11	2.27	2.48	2.86	3.16	3.87	5.49	10.10
5	1.81	2.33	2.57	2.79	2.90	3.06	3.30	3.56	4.20	4.58	5.47	7.84	14.88
10	2.14	2.80	3.10	3.38	3.52	3.71	4.00	4.28	5.10	5.52	6.49	9.38	18.27
20	2.46	3.24	3.51	3.94	4.10	4.33	4.67	4.96	5.96	6.42	7.45	10.81	18.47
25	2.56	3.38	3.77	4.11	4.28	4.52	4.88	5.17	6.24	6.70	7.74	11.26	19.15
40	2.76	3.67	4.10	4.48	4.66	4.92	5.32	5.61	6.80	7.28	7.89	12.19	20.55
50	2.86	3.81	4.26	4.65	4.84	5.11	5.52	5.82	7.06	7.55	8.64	12.62	21.20
100	3.15	4.23	4.73	5.17	5.35	5.69	6.15	6.45	7.87	8.38	9.51	13.95	23.18
200	3.43	4.64	5.20	5.69	5.93	6.29	6.77	7.07	8.67	9.20	10.35	15.24	25.09
1000	4.08	5.58	6.27	6.87	7.16	7.56	8.17	8.48	10.49	11.05	12.25	18.16	29.37
10000	4.99	6.89	7.76	8.51	8.87	9.37	10.14	10.44	13.03	13.62	14.85	22.19	35.22
PMP	9.47	12.90	14.60	16.06	16.75	17.70	19.17	20.15	24.69	26.39	30.07	43.89	72.33
MEAN	1.426	1.811	1.980	2.138	2.222	2.343	2.517	2.722	3.185	3.479	4.179	5.988	10.771
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.707	1.454	1.491	1.337	1.512	1.419	1.373	1.332	1.150	1.128	.978	1.351	.803
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.000	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.000	1.000
KURT0515	6.138	5.860	5.542	4.321	5.355	4.874	4.722	4.537	3.810	3.676	3.443	5.401	3.257
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1969	1967	1967	1967	1967	1947	1949	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.720	4.290	4.790	4.790	5.520	5.550	5.980	6.170	7.210	7.870	8.950	14.780	21.340
NORMALIZED MAX	2.465	3.180	3.279	2.914	3.387	3.144	3.088	2.908	2.813	2.861	2.847	3.585	2.778
CALC. COEF. VAR	.368	.430	.433	.426	.438	.435	.447	.436	.449	.441	.401	.410	.353
REGION. COEF. VAR	.374	.408	.436	.436	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.374	.408	.435	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.324	1.682	1.838	1.985	2.063	2.175	2.337	2.527	2.957	3.230	3.888	5.559	1.0000
RP10/A	1.990	2.599	2.882	3.136	3.265	3.444	3.714	3.971	4.736	5.129	6.029	8.874	1.5107
RP25/A	2.373	3.141	3.500	3.818	3.976	4.198	4.529	4.801	5.789	6.220	7.140	10.571	1.7783
RP50/A	2.651	3.538	3.952	4.316	4.446	4.747	5.125	5.404	6.558	7.012	8.022	11.721	1.9685
RP100/A	2.922	3.924	4.374	4.633	4.695	5.025	5.405	5.691	7.311	7.754	8.898	12.924	2.1516
RP1000/A	3.370	5.177	5.818	6.374	6.646	7.018	7.587	7.873	9.738	1.0257	1.1369	1.6855	2.7264
RP10000/A	4.628	6.393	7.202	7.900	8.238	8.702	9.413	9.690	12.095	1.2646	1.3791	2.0603	3.2696
PMP/A	8.879	1.1573	1.3556	1.4907	1.5553	1.6434	1.7794	1.8710	2.2919	2.4501	2.7917	4.0749	6.7150

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 5% STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 A375 50	STATION NAME SOUTH BELRIE	ELEV 575	SEC 33	TWP 285	RNG LOT 21F A	HMM M	LATITUDE 35.455	LONGITUDE 119.709	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.490	1.05	1.13	1.17	1.23	1.30	1.35	1.44	1.61	1.73	2.02	2.77	4.94
5	1.24	1.48	1.62	1.69	1.78	1.89	1.97	2.06	2.38	2.41	2.85	3.95	6.79
10	1.46	1.78	1.96	2.05	2.15	2.28	2.39	2.48	2.87	3.03	3.39	4.72	7.96
20	1.68	2.06	2.28	2.39	2.51	2.66	2.79	2.88	3.36	3.52	3.89	5.44	9.03
25	1.74	2.15	2.38	2.49	2.62	2.78	2.91	3.00	3.51	3.68	4.04	5.67	9.37
40	1.88	2.34	2.59	2.71	2.86	3.03	3.17	3.26	3.83	4.00	4.32	6.14	10.05
100	2.43	2.85	3.16	3.28	3.45	3.63	3.78	3.88	4.58	4.74	5.11	7.36	13.37
1000	2.55	2.69	2.99	3.14	3.30	3.50	3.67	3.74	4.43	4.60	4.96	7.02	11.33
200	2.34	2.95	3.28	3.45	3.63	3.86	4.04	4.10	4.88	5.05	5.40	7.67	12.27
10000	2.79	3.55	3.95	4.16	4.38	4.65	4.88	4.92	5.91	6.06	6.39	9.14	14.36
PMP	4.44	5.21	5.21	9.74	10.26	10.90	11.43	11.69	13.91	14.44	15.70	22.10	35.37
MEAN	.973	1.153	1.249	1.296	1.361	1.442	1.502	1.578	1.794	1.909	2.182	3.015	5.267
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.419	1.534	1.879	1.785	2.071	1.823	1.618	1.696	2.500	2.357	1.919	1.475	1.083
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	2.322	7.015	8.737	8.445	9.499	7.935	7.000	7.499	11.681	10.915	7.999	4.967	3.326
N	31	31	31	31	31	31	31	31	31	31	31	31	31
RECORD YEAR	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1968
RECORD MAXIMUM	1.560	2.800	3.490	3.580	4.010	4.120	4.130	4.400	6.210	6.440	6.590	7.320	10.270
NORMALIZED MAX	1.456	3.171	3.569	3.636	3.870	3.614	3.523	3.491	4.076	4.030	3.679	2.860	2.312
CALC. COEF. VAR	.451	.451	.503	.503	.503	.514	.497	.512	.601	.589	.548	.499	.411
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	.1847	.2189	.2371	.2461	.2583	.2738	.2851	.2997	.3406	.3625	.4143	.5723	1.0000
RP10/A	.2778	.3382	.3718	.3889	.4089	.4338	.4531	.4717	.5454	.5756	.6437	.8961	1.5107
RP25/A	.3312	.4089	.4516	.4734	.4979	.5285	.5524	.5694	.6867	.6990	.7677	.10765	1.7783
RP50/A	.3760	.4405	.4851	.5031	.5300	.5574	.5823	.6009	.7552	.7869	.8655	1.2084	1.9685
RP100/A	.4078	.5110	.5668	.5956	.6267	.6653	.6964	.7105	.8420	.8735	.9423	1.3330	2.1516
RP1000/A	.5290	.6739	.7506	.7904	.8321	.8836	.9257	.9738	1.1215	1.1511	1.2138	1.7352	2.7264
RP10000/A	.6460	.8321	.9292	.9796	1.0317	1.0956	1.1484	1.1493	1.3930	1.4192	1.4724	2.1211	3.2696
PMP/A	1.2267	1.5584	1.7489	1.8484	1.9477	2.0689	2.1710	2.2191	2.6395	2.7496	2.9866	4.1952	6.7150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 A839 0	STATION NAME TEJON RANCHO	ELEV 1425	SEC 24	TWP 11N	RNG LOT 14W M	HMM 5	LATITUDE 35.027	LONGITUDE 118.744	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.30	1.50	1.61	1.72	1.81	1.93	2.10	2.27	2.67	3.02	3.73	5.25	10.18
5	1.79	2.13	2.32	2.49	2.63	2.81	3.05	3.26	3.92	4.37	5.27	7.50	14.99
10	2.12	2.55	2.80	3.02	3.18	3.40	3.70	3.42	4.77	5.28	6.26	8.96	14.40
20	2.43	2.96	3.25	3.52	3.71	3.96	4.32	4.55	5.57	6.13	7.18	10.34	18.62
25	2.53	3.09	3.40	3.67	3.88	4.14	4.51	4.74	5.82	6.40	7.46	10.77	19.31
40	2.73	3.35	3.69	4.00	4.22	4.51	4.91	5.15	6.35	6.98	7.60	11.66	20.72
50	2.82	3.48	3.83	4.15	4.38	4.64	5.10	5.34	6.62	7.22	8.33	12.07	21.37
100	3.11	3.86	4.26	4.62	4.88	5.21	5.68	5.92	7.36	8.01	9.16	13.34	23.36
200	3.39	4.23	4.69	5.08	5.37	5.74	6.25	6.49	8.10	8.79	9.98	14.57	25.29
1000	4.04	5.09	5.65	6.13	6.48	6.92	7.55	7.78	9.80	10.56	11.80	17.36	29.60
10000	4.93	6.28	6.99	7.60	8.03	8.58	9.37	9.57	12.17	13.02	14.32	21.22	35.50
PMP	9.36	11.77	13.15	14.34	15.16	16.21	17.72	18.49	23.06	25.22	28.98	41.97	77.91
MEAN	1.409	1.653	1.784	1.910	2.011	2.146	2.326	2.496	2.975	3.325	4.028	5.725	10.858
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.481	.679	.863	1.024	1.043	1.031	.927	.909	.665	.754	.422	.258	.168
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	4.197	3.076	3.827	3.993	3.847	3.940	3.876	4.038	3.137	3.932	3.125	3.074	3.779
N	73	73	73	73	73	73	73	73	73	73	73	73	73
RECORD YEAR	1905	1905	1938	1905	1905	1905	1905	1905	1905	1905	1905	1905	1935
RECORD MAXIMUM	2.600	2.900	3.450	3.850	4.100	4.750	5.350	5.850	5.650	7.050	7.550	10.410	17.350
NORMALIZED MAX	2.340	2.430	2.833	2.693	2.760	3.127	3.440	3.443	2.593	3.260	2.431	2.585	2.982
CALC. COEF. VAR	.330	.322	.330	.377	.391	.388	.382	.367	.347	.347	.309	.330	.324
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	.1298	.1522	.1643	.1759	.1852	.1976	.2143	.2299	.2740	.3062	.3710	.5273	1.0000
RP10/A	.1951	.2352	.2576	.2780	.2931	.3130	.3405	.3613	.4389	.4862	.5784	.8291	1.5107
RP25/A	.2297	.2844	.3123	.3393	.3570	.3814	.4153	.4369	.5364	.5896	.6874	.9918	1.7783
RP50/A	.2599	.3203	.3532	.3825	.4036	.4313	.4699	.4917	.6077	.6647	.7670	1.1117	1.9685
RP100/A	.2865	.3551	.3927	.4257	.4493	.4801	.5234	.5451	.6774	.7379	.8438	1.2281	2.1516
RP1000/A	.3716	.4687	.5200	.5649	.5965	.6374	.6857	.7164	.9023	.9724	1.0869	1.5957	2.7264
RP10000/A	.4538	.5787	.6437	.7001	.7386	.7960	.8631	.8817	1.1208	1.1988	1.3185	1.9542	3.2696
PMP/A	.8619	1.0839	1.2115	1.3211	1.3963	1.4930	1.6315	1.7024	2.1237	2.3227	2.6690	3.8650	6.7150

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 9367 0	STATION NAME VISALIA	ELEV 325	SEC 30	TWP 185	RNG LOT 25E R	RHW M	LATITUDE 36.333	LONGITUDE 119.400	COUNTY CODE 54	MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650						
2	1.29	1.54	1.72	1.86	1.95	2.09	2.24	2.41	2.57	3.03	3.76	5.10	9.27							
5	1.78	2.19	2.47	2.69	2.83	3.03	3.26	3.47	4.05	4.48	5.31	7.28	12.74							
10	2.11	2.62	2.98	3.25	3.42	3.66	3.95	4.17	4.93	5.41	6.31	8.71	14.94							
20	2.42	3.04	3.46	3.79	3.99	4.27	4.61	4.83	5.76	6.28	7.23	10.05	16.96							
25	2.52	3.17	3.61	3.96	4.17	4.44	4.82	5.04	6.02	6.56	7.52	10.46	17.58							
40	2.72	3.45	3.93	4.31	4.54	4.84	5.25	5.47	6.57	7.13	7.66	11.33	18.87							
50	2.81	3.57	4.08	4.47	4.71	5.05	5.45	5.67	6.83	7.39	8.39	11.73	19.47							
100	3.10	3.97	4.54	4.98	5.24	5.62	6.07	6.29	7.61	8.21	9.23	12.96	21.28							
200	3.38	4.23	4.99	5.48	5.77	6.18	6.68	6.89	8.38	9.00	10.05	14.16	23.03							
1000	4.02	5.23	6.01	6.61	6.96	7.44	8.07	8.26	10.13	10.41	11.89	16.87	26.96							
10000	6.91	6.66	7.44	8.19	8.63	9.26	10.01	10.17	12.59	13.33	14.43	20.62	37.33							
PMP	9.32	12.09	14.00	15.45	16.30	17.48	19.92	19.64	23.85	25.43	29.21	40.78	66.40							
MEAN	1.403	1.698	1.898	2.057	2.161	2.313	2.485	2.652	3.078	3.406	4.060	5.563	9.889							
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
CALCULATED SKEW	2.195	1.459	1.209	1.168	1.071	1.116	1.293	1.144	1.127	1.068	1.009	1.302	1.719							
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000						
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000							
KURTOSIS	10.037	5.647	3.940	3.871	3.336	3.939	4.947	4.674	4.782	3.727	3.648	6.067	3.219							
N	42	62	62	62	62	62	62	62	62	62	62	62	62							
RECORD YEAR	1976	1975	1975	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969							
RECORD MAXIMUM	3.768	3.416	3.020	2.810	2.410	4.050	6.056	6.07	7.460	7.660	9.560	13.820	19.780							
NORMALIZED MAX	3.584	3.072	2.611	2.749	2.520	3.013	3.565	3.567	3.987	3.987	4.107	4.023	4.225							
CALC. COEF. VAR	.457	.443	.428	.410	.413	.398	.390	.362	.382	.384	.380	.369	.354							
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381							
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381							
MEAN/A	1.149	1.718	1.919	2.091	2.186	2.339	2.513	2.682	3.113	3.444	4.015	5.626	1.0000							
RP10/A	2.133	2.654	3.010	3.288	3.459	3.746	3.995	4.215	4.985	5.469	6.379	8.868	1.5107							
RP25/A	2.544	3.208	3.655	4.002	4.213	4.515	4.871	5.096	6.093	6.632	7.608	1.0582	1.7783							
RP50/A	2.842	3.613	4.126	4.624	4.764	5.105	5.512	5.736	6.902	7.476	8.488	1.1860	1.9685							
RP100/A	3.132	4.010	4.588	5.035	5.303	5.684	6.139	6.359	7.695	8.299	9.339	1.3102	2.1516							
RP1000/A	4.063	5.288	6.076	6.661	7.041	7.544	8.160	8.357	1.0249	1.0939	1.2029	1.7056	2.7264							
RP10000/A	4.961	6.529	7.521	8.281	8.729	9.340	1.0123	1.0286	1.2730	1.3483	1.4591	2.0849	3.2696							
PMP/A	9.422	1.2229	1.4156	1.5626	1.6479	1.7675	1.9138	1.9860	2.4123	2.6123	2.9537	4.1236	6.7150							

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C00 9452 0	STATION NAME WASCO	ELEV 333	SEC 12	TWP 275	RNG LOT 24E J	RHW M	LATITUDE 35.593	LONGITUDE 119.333	COUNTY CODE 15	MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS									
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650					
2	.97	1.09	1.18	1.25	1.31	1.39	1.51	1.59	1.77	1.94	2.39	3.27	5.93						
5	1.34	1.55	1.70	1.80	1.90	2.02	2.19	2.28	2.60	2.81	3.38	4.66	8.15						
10	1.58	1.86	2.05	2.18	2.30	2.45	2.66	2.74	3.18	3.39	4.01	5.58	9.55						
20	1.82	2.16	2.38	2.54	2.68	2.86	3.10	3.18	3.70	3.93	4.60	6.43	10.85						
25	1.89	2.25	2.49	2.66	2.80	2.98	3.24	3.32	3.86	4.11	4.79	6.70	11.25						
40	2.04	2.44	2.70	2.89	3.04	3.25	3.53	3.60	4.21	4.46	4.88	7.25	12.07						
50	2.11	2.53	2.81	3.00	3.16	3.37	3.67	3.73	4.38	4.63	5.34	7.51	12.45						
100	2.33	2.81	3.12	3.34	3.52	3.76	4.09	4.14	4.88	5.14	5.68	8.30	13.61						
200	2.54	3.08	3.43	3.67	3.87	4.13	4.50	4.53	5.38	5.64	6.40	9.06	14.73						
1000	3.62	3.71	4.13	4.43	4.67	4.99	5.43	5.44	6.50	6.77	7.57	10.80	17.24						
10000	3.68	4.58	5.12	5.37	5.70	6.19	6.74	6.69	8.08	8.35	9.18	13.20	20.68						
PMP	7.00	8.57	9.63	10.37	10.93	11.68	12.74	12.92	15.30	16.17	18.59	26.11	42.47						
MEAN	1.054	1.204	1.305	1.380	1.450	1.544	1.673	1.745	1.974	2.132	2.593	3.562	6.325						
CLOCK HR. COR.	1.140	1.677	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
CALCULATED SKEW	2.150	1.441	1.262	1.357	1.247	1.327	1.319	1.278	1.704	1.543	1.359	1.422	.947						
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000						
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000						
KURTOSIS	10.289	6.055	4.535	4.942	5.039	5.179	4.691	4.619	6.560	5.736	4.854	4.639	3.257						
N	48	48	48	48	48	48	48	48	48	48	48	48	48						
RECORD YEAR	1921	1921	1962	1921	1962	1962	1962	1962	1962	1962	1962	1962	1962						
RECORD MAXIMUM	2.800	2.800	2.930	3.110	3.400	3.690	3.810	3.890	5.460	5.710	6.230	7.960	12.280						
NORMALIZED MAX	3.630	3.055	2.634	2.792	3.128	3.213	2.832	2.775	3.646	3.482	3.256	2.822	2.379						
CALC. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.443	.486	.482	.434	.438	.396						
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.443	.450	.439	.413	.422	.381						
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.443	.450	.439	.413	.422	.381						
MEAN/A	1.066	1.903	2.064	2.183	2.293	2.445	2.645	2.758	3.122	3.371	4.085	5.632	1.0000						
RP10/A	2.505	2.941	3.237	3.449	3.629	3.873	4.204	4.336	4.999	5.353	6.347	8.818	1.5107						
RP25/A	2.947	3.555	3.930	4.198	4.419	4.718	5.127	5.242	6.111	6.442	7.569	1.0594	1.7783						
RP50/A	3.337	4.004	4.545	4.745	4.977	5.336	5.801	5.890	6.922	7.318	8.456	1.1810	1.9685						
RP100/A	3.678	4.443	4.934	5.281	5.563	5.940	6.444	6.541	7.717	8.031	9.291	1.3102	2.1516						
RP1000/A	4.771	5.589	6.533	7.009	7.386	7.889	8.588	8.595	1.0279	1.0706	1.1968	1.7076	2.7266						
RP10000/A	5.926	7.234	8.088	8.687	9.150	9.792	1.0655	1.0579	1.2768	1.3199	1.4518	2.0873	3.2674						
PMP/A	1.1063	1.3549	1.5222	1.6391	1.7288	1.8472	2.0142	2.0426	2.2994	2.3772	2.9389	4.2823	7.150						

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB C10 449 0	STATION NAME RALCH P H	ELEV 1720	SEC 12	TWP 125	RNG LOT 26E R	RM M	LATITUDE 36-9-09	LONGITUDE 119-0-07	COUNTY CODE 10										
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS																			
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	400	600	1650					
2	3.04	4.22	4.74	5.12	5.45	5.75	6.32	6.88	7.40	8.84	10.70	14.94	27.65						
5	4.46	6.45	7.31	7.85	8.33	8.69	9.51	10.24	11.66	12.87	15.25	21.43	37.51						
10	5.41	7.97	9.05	9.72	10.29	10.68	11.68	12.44	14.22	15.56	18.17	25.88	43.75						
20	6.31	9.41	10.71	11.50	12.16	12.58	13.74	14.61	16.65	18.10	20.89	29.67	49.49						
25	6.53	9.87	11.24	12.05	12.75	13.18	14.39	15.27	17.42	18.90	21.73	30.91	51.26						
40	7.17	10.81	12.38	13.21	13.97	14.42	15.74	16.65	19.01	20.65	22.15	33.48	54.91						
50	7.44	11.26	12.83	13.76	14.54	15.00	16.37	17.29	19.76	21.32	24.38	36.86	56.61						
100	8.28	12.61	14.39	15.43	16.30	16.79	18.39	19.26	22.05	23.68	26.75	38.34	61.75						
200	9.09	13.95	15.93	17.07	18.02	18.55	20.23	21.20	24.30	26.00	29.15	41.32	66.74						
1000	10.95	16.99	19.43	20.80	21.76	22.15	24.57	25.88	29.42	31.25	34.54	49.99	77.49						
10000	11.52	21.24	24.32	26.03	27.45	28.14	30.65	31.68	36.59	38.56	41.97	61.17	93.15						
PMP	26.32	40.77	46.78	50.00	52.69	53.83	58.56	61.95	69.49	74.84	85.27	121.24	180.93						
MEAN	3.363	4.762	5.361	5.781	6.145	6.468	7.090	7.639	8.813	9.751	11.586	16.307	29.401						
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
CALCULATED SKEW	1.456	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457						
REGIONAL SKEW	1.456	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457						
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.400	1.200	1.000						
KURTOSIS	4.372	4.224	4.473	3.968	3.822	3.574	6.060	5.881	5.301	4.573	4.189	5.130	3.494						
N	37	37	37	37	37	37	37	37	37	37	37	37	37						
RECORD YEAR	1969	1963	1963	1963	1963	1963	1969	1969	1969	1969	1969	1969	1969						
RECORD MAXIMUM	6.580	10.890	13.760	13.800	13.820	13.820	20.380	20.990	22.880	24.040	26.400	38.700	60.590						
NORMALIZED MAX	2.209	2.299	2.708	2.558	2.450	2.400	3.477	3.448	3.345	3.148	3.091	3.357	2.877						
CALC. COEF. VAR	.477	.560	.578	.542	.533	.515	.539	.507	.477	.460	.414	.300	.369						
REGION. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364						
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364						
MEAN/A	.1144	.1620	.1824	.1966	.2090	.2197	.2411	.2598	.2997	.3317	.3941	.5546	1.0000						
RP10/A	.1841	.2711	.3079	.3330	.3501	.3632	.3971	.4306	.4593	.5025	.5481	.7392	1.0514	1.7435					
RP25/A	.2241	.3357	.4102	.4336	.4492	.4632	.4891	.5194	.5625	.6028	.6428	.8260	1.0514	1.7435					
RP50/A	.2532	.3829	.4364	.4679	.4846	.5010	.5250	.5582	.6020	.6352	.6752	.8260	1.0514	1.7435					
RP100/A	.2815	.4290	.4896	.5247	.5543	.5711	.6229	.6553	.7094	.7406	.7928	1.0400	2.1002						
RP1000/A	.3723	.5775	.6608	.7075	.7358	.7511	.8258	.8508	1.0007	1.0630	1.1749	1.7003	2.6493						
RP10000/A	.4560	.7226	.8272	.8852	.9338	.9572	1.0424	1.0775	1.2445	1.3116	1.4275	2.0804	3.1683						
PMP/A	.8951	1.3866	1.5910	1.7008	1.7422	1.8309	1.9918	2.1071	2.3635	2.5454	2.9003	4.1237	6.4600						

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB C20 443 0	STATION NAME ASH MOUNTAIN	ELEV 1708	SEC 165	TWP 29E	RNG LOT L	RM M	LATITUDE 36-4-92	LONGITUDE 118-8-06	COUNTY CODE 54										
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS																			
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650						
2	3.01	3.81	4.19	4.61	4.91	5.18	5.58	6.04	6.91	7.84	9.42	13.74	25.01						
5	4.42	5.83	6.47	7.09	7.52	7.83	8.40	9.00	10.21	11.42	13.41	19.71	33.93						
10	5.36	7.20	8.01	8.77	9.28	9.62	10.32	10.97	12.44	13.81	15.99	23.62	39.57						
20	6.25	8.51	9.48	10.37	10.97	11.34	12.14	12.83	14.57	16.06	18.38	27.28	44.76						
25	6.52	8.92	9.95	10.87	11.50	11.88	12.72	13.42	15.24	16.77	19.12	28.42	46.37						
40	7.10	9.77	10.91	11.92	12.60	12.99	13.91	14.63	16.64	18.24	19.48	30.76	49.67						
50	7.37	10.17	11.36	12.41	13.12	13.52	14.47	15.19	17.29	18.92	21.36	31.85	51.20						
100	8.20	11.40	12.74	13.91	14.70	15.11	16.19	16.93	19.29	21.02	23.53	35.25	55.95						
200	9.01	12.60	14.10	15.39	16.28	16.71	17.87	18.63	21.26	23.07	25.64	38.54	60.37						
1000	10.44	15.35	17.20	18.76	19.80	20.32	21.72	22.48	25.75	27.74	30.39	45.97	70.46						
10000	13.39	19.19	21.53	23.47	24.76	25.36	27.00	27.83	32.02	34.22	36.92	56.24	84.26						
PMP	26.06	36.83	41.41	45.09	47.53	48.51	51.75	54.43	60.81	66.41	75.01	111.48	171.86						
MEAN	3.330	4.303	4.746	5.213	5.543	5.820	6.265	6.712	7.712	8.653	10.192	14.994	26.595						
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
CALCULATED SKEW	1.464	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485	1.485						
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.400	1.200	1.000						
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.400	1.200	1.000						
KURTOSIS	5.862	4.445	5.206	4.177	3.927	3.549	3.621	3.244	2.755	3.628	3.037	4.007	4.195						
N	38	38	38	38	38	38	38	38	38	38	38	38	38						
RECORD YEAR	1963	1963	1963	1963	1963	1963	1969	1969	1969	1969	1969	1969	1969						
RECORD MAXIMUM	7.240	8.950	11.980	12.210	12.210	12.210	13.950	14.34	15.770	19.000	20.780	33.670	54.860						
NORMALIZED MAX	2.665	2.228	2.921	2.721	2.623	2.495	2.635	2.635	2.984	2.984	2.731	3.030	3.110						
CALC. COEF. VAR	.440	.485	.522	.493	.459	.440	.459	.431	.418	.401	.380	.403	.342						
REGION. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364						
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364						
MEAN/A	.1252	.1618	.1784	.1950	.2084	.2188	.2354	.2524	.2900	.3254	.3832	.5638	1.0000						
RP10/A	.2015	.2708	.3013	.3297	.3491	.3619	.3880	.4125	.4679	.5193	.6011	.8880	1.4735						
RP25/A	.2453	.3353	.3740	.4087	.4324	.4466	.4782	.5046	.5731	.6306	.7189	1.0587	1.7435						
RP50/A	.2772	.3824	.4271	.4665	.4932	.5084	.5441	.5713	.6501	.7115	.8032	1.1590	1.9253						
RP100/A	.3082	.4285	.4791	.5231	.5527	.5689	.6086	.6365	.7254	.7903	.8848	1.3235	2.1904						
RP1000/A	.4076	.5772	.6667	.7054	.7447	.7641	.8165	.8551	.9681	1.0429	1.1426	1.7284	2.6493						
RP10000/A	.5035	.7217	.8095	.8825	.9311	.9537	1.0185	1.0466	1.2039	1.2867	1.3882	2.1148	3.1683						
PMP/A	.9799	1.3848	1.5569	1.6956	1.7872	1.8240	1.9459	2.0466	2.2864	2.4972	2.8206	4.1918	6.4600						

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C20 422 0		STATION NAME BAOGER		ELEV 3030	SEC 11	TWP 155	RNG LOT 27E P M	HWM M	LATITUDE 36-625	LONGITUDE 119-013	COUNTY COOE 54		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.23	4.16	4.60	4.92	5.17	5.37	6.04	6.56	7.37	8.27	9.98	13.89	26.75
5	4.75	6.36	7.10	7.57	7.91	8.12	9.09	9.76	10.89	12.05	14.22	19.93	34.93
10	5.76	7.86	8.79	9.36	9.77	9.98	11.16	11.90	13.27	14.57	16.95	23.88	40.74
20	6.71	9.28	10.41	11.06	11.55	11.76	13.13	13.92	15.54	16.95	19.44	27.58	46.09
25	7.01	9.73	10.91	11.60	12.10	12.31	13.75	14.56	16.26	17.69	20.27	28.74	47.74
40	7.63	10.66	11.97	12.72	13.26	13.48	15.04	15.87	17.74	19.24	22.66	31.13	51.14
50	7.92	11.10	12.46	13.24	13.81	14.02	15.65	16.48	18.44	19.94	23.41	32.24	59.71
100	8.80	12.44	13.98	14.85	15.47	15.69	17.50	18.36	20.58	22.17	24.95	35.65	57.50
200	9.67	13.76	15.47	16.43	17.11	17.33	19.33	20.21	22.68	24.34	27.19	38.97	69.15
1000	11.64	16.75	18.87	20.02	20.88	21.07	23.44	24.39	27.46	29.26	32.22	46.48	79.54
10000	14.38	20.95	23.62	25.05	26.07	26.30	29.20	30.20	34.15	36.10	39.15	56.87	86.75
PMP	27.98	40.20	45.44	48.13	50.03	50.30	55.94	59.05	64.85	70.06	79.54	112.72	176.87
MEAN	3.576	4.696	5.208	5.564	5.834	6.035	6.775	7.282	8.225	9.129	10.807	15.161	27.380
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.787	.937	.941	1.167	1.184	1.122	1.713	1.696	1.627	1.628	1.252	1.767	.903
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	2.727	2.851	2.940	3.921	3.777	3.862	6.639	6.758	6.718	7.044	5.392	4.016	3.558
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1956	1967	1956	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	5.920	9.950	9.920	13.020	13.780	13.880	18.870	19.790	21.540	23.440	25.250	38.500	54.900
NORMALIZED MAX	1.288	1.727	1.712	2.468	2.287	2.248	3.045	3.086	3.077	3.124	2.879	3.227	2.423
CALC. COEF. VAR	.423	.537	.528	.556	.595	.578	.584	.560	.526	.503	.464	.417	.355
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	.1306	.1715	.1902	.2032	.2131	.2204	.2474	.2659	.3004	.3334	.3947	.5537	1.0000
RP10/A	.2102	.2870	.3211	.3417	.3569	.3645	.4075	.4347	.4447	.5321	.6191	.8722	1.4879
RP25/A	.2559	.3554	.3986	.4237	.4420	.4498	.5023	.5317	.5398	.6462	.7404	1.0496	1.7435
RP50/A	.2991	.4054	.4552	.4836	.5042	.5121	.5715	.6021	.6135	.7200	.8273	1.1776	1.9253
RP100/A	.3214	.4543	.5106	.5423	.5651	.5730	.6392	.6707	.7515	.8098	.9113	1.3019	2.1002
RP1000/A	.4251	.6119	.6893	.7313	.7616	.7696	.8576	.8906	1.0029	1.0686	1.1768	1.6975	2.6493
RP10000/A	.5252	.7651	.8628	.9149	.9520	.9686	1.0094	1.1029	1.2472	1.3185	1.4298	2.0770	3.1683
PMP/A	1.0220	1.4680	1.6595	1.7578	1.8272	1.8372	2.0439	2.1568	2.3687	2.5588	2.9050	4.1169	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C20 3397 0	STATION NAME GIANT FOREST	ELEV 6412	SEC 06	TWP 165	RNG LOT 30E E	HWM M	LATITUDE 36.568	LONGITUDE 118.747	COUNTY COOE 54				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.17	6.80	7.55	8.30	8.87	9.33	9.86	10.61	12.11	13.39	15.74	22.32	40.57
5	7.59	10.39	11.64	12.75	13.57	14.10	14.84	15.80	17.88	19.50	22.43	32.02	56.05
10	9.20	12.84	14.42	15.77	16.76	17.34	18.22	19.26	21.79	23.57	26.73	38.37	64.20
20	10.72	15.16	17.07	18.65	19.90	20.43	21.44	22.53	25.52	27.42	30.73	44.32	72.63
25	11.20	15.69	17.90	19.56	20.76	21.40	22.46	23.55	26.70	28.63	31.97	46.18	75.23
40	12.19	17.41	19.63	21.44	22.75	23.40	24.56	25.68	29.13	31.13	32.58	50.01	80.59
50	12.65	18.13	20.42	22.32	23.68	24.36	25.55	26.67	30.26	32.30	35.72	51.81	83.08
100	14.07	20.31	22.93	25.03	26.54	27.26	28.58	29.71	33.79	35.88	39.35	57.27	90.62
200	15.46	22.47	25.38	27.69	29.35	30.11	31.56	32.70	37.24	39.39	42.88	62.62	97.95
1000	18.61	27.36	30.96	33.75	35.76	36.61	38.35	39.46	45.07	47.34	50.61	74.68	114.32
10000	22.99	34.21	38.75	42.23	44.71	45.70	47.83	48.86	56.07	58.41	61.73	91.37	136.71
PMP	44.73	65.65	74.53	81.14	89.81	87.40	91.39	95.55	106.49	113.36	125.43	181.11	278.75
MEAN	5.717	7.669	8.542	9.380	10.008	10.486	11.064	11.782	13.506	14.770	17.042	24.360	43.150
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.360	1.385	1.444	1.242	1.237	1.154	1.008	.940	.566	.489	.433	.303	.382
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	4.996	4.531	4.770	4.493	5.114	4.851	4.450	4.558	3.284	2.805	2.602	2.034	2.757
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	12.960	18.710	21.740	24.570	27.600	27.750	27.750	29.430	29.450	31.550	32.780	41.260	78.560
NORMALIZED MAX	2.539	2.724	2.789	3.041	3.403	3.330	3.281	3.359	2.946	2.782	2.768	1.804	2.511
CALC. COEF. VAR	.495	.528	.554	.532	.517	.494	.460	.446	.401	.408	.388	.385	.327
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	.1325	.1777	.1980	.2174	.2319	.2430	.2564	.2730	.3130	.3423	.3950	.5645	1.0000
RP10/A	.2132	.2975	.3312	.3656	.3885	.4019	.4223	.4403	.4950	.5150	.5463	.6195	.8892
RP25/A	.2594	.3683	.4149	.4533	.4811	.4959	.5205	.5459	.6187	.6634	.7409	.8419	1.0701
RP50/A	.2932	.4201	.4738	.5173	.5488	.5645	.5922	.6181	.7017	.7435	.8118	1.0060	1.2925
RP100/A	.3260	.4708	.5315	.5801	.6151	.6314	.6624	.6886	.7830	.8314	.9118	1.2073	1.6002
RP1000/A	.4312	.6342	.7174	.7822	.8287	.8455	.8887	.9144	1.0550	1.0972	1.1776	1.7307	2.8493
RP10000/A	.5327	.7928	.8980	.9786	1.0362	1.0590	1.1086	1.1324	1.2995	1.3537	1.4307	2.1176	3.1683
PMP/A	1.0367	1.5214	1.7272	1.8804	1.9888	2.0255	2.1179	2.2143	2.4680	2.6272	2.9069	4.1974	6.4600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE														
STATION NO. R5N ORDER SUB C20 4890 0	STATION NAME LEMON COVE	ELEV 513	SEC 02	TWP 1R5	RNG LOT 27E N	RWM M	LATITUDE 36.383	LONGITUDE 119.025	COUNTY CODE 54					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650	
2	1.70	2.05	2.22	2.38	2.54	2.67	2.87	3.11	3.44	4.09	4.97	7.00	17.25	
5	2.50	3.13	3.43	3.66	3.89	4.04	4.31	4.63	5.38	5.95	7.09	10.05	17.98	
10	3.03	3.86	4.25	4.53	4.80	4.97	5.30	5.65	6.56	7.20	8.45	12.04	20.97	
20	3.53	4.58	5.02	5.35	5.67	5.85	6.23	6.61	7.68	8.37	9.71	13.91	23.72	
25	3.69	4.78	5.27	5.61	5.95	6.13	6.53	6.91	8.03	8.74	10.10	14.49	24.57	
40	4.02	5.24	5.78	6.15	6.52	6.71	7.14	7.53	8.77	9.50	10.29	15.69	26.32	
50	4.17	5.46	6.02	6.41	6.78	6.98	7.43	7.82	9.11	9.86	11.28	16.26	27.13	
100	4.64	6.11	6.75	7.18	7.60	7.81	8.31	8.71	10.17	10.95	12.43	17.97	29.59	
200	5.09	6.76	7.47	7.95	8.41	8.63	9.18	9.59	11.21	12.02	13.55	19.95	31.99	
1000	6.13	8.24	9.11	9.69	10.24	10.49	11.15	11.57	13.57	14.45	16.05	23.43	37.33	
10000	7.58	10.30	11.41	12.12	12.81	13.09	13.91	14.33	16.88	17.83	19.50	28.67	44.65	
PMP	14.74	19.76	21.94	23.28	24.58	25.04	26.57	28.02	32.05	34.61	39.63	56.83	91.03	

MEAN	1.884	2.308	2.515	2.692	2.867	3.004	3.217	3.455	4.005	4.509	5.384	7.643	14.091	
CLOCK HP. COR.	1.140	1.079	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.711	1.313	1.045	1.155	1.176	1.040	1.160	1.161	1.344	1.229	1.260	1.345	1.829	
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000	
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000	
KURTOSIS	6.055	4.995	3.595	3.735	3.315	3.248	4.117	4.194	4.824	4.699	5.209	5.248	8.998	
N	75	75	75	75	75	75	75	75	75	75	75	75	75	
RECORD YEAR	1961	1967	1967	1967	1967	1967	1969	1969	1907	1907	1907	1969	1907	
RECORD MAXIMUM	4.080	5.340	5.400	5.910	6.150	6.180	7.780	8.300	9.450	10.690	13.250	17.970	39.990	
NORMALIZED MAX	2.779	3.244	2.878	2.759	2.661	2.550	3.454	3.465	3.229	3.424	3.793	3.466	4.706	
CALC. COEF. VAR	.416	.405	.399	.432	.430	.411	.411	.405	.426	.400	.385	.390	.390	
REGION. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.384	
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.384	
MEAN/A	.1337	.1638	.1784	.1910	.2034	.2137	.2283	.2452	.2885	.3208	.3821	.5424	1.0000	
RP10/A	.2152	.2742	.3013	.3212	.3408	.3525	.3759	.4008	.4655	.5107	.5993	.8544	1.4879	
RP25/A	.2620	.3395	.3740	.3983	.4220	.4350	.4633	.4901	.5702	.6202	.7167	1.0282	1.7435	
RP50/A	.2959	.3872	.4271	.4546	.4814	.4952	.5272	.5550	.6467	.6997	.8008	1.1536	1.9253	
RP100/A	.3291	.4339	.4791	.5097	.5395	.5542	.5897	.6183	.7216	.7772	.8821	1.2753	2.1002	
RP1000/A	.4382	.5844	.6467	.6873	.7269	.7443	.7912	.8210	.9631	1.0266	1.1392	1.6629	2.6493	
RP10000/A	.5377	.7307	.8095	.8599	.9089	.9290	.9869	1.0167	1.1977	1.2655	1.3841	2.0346	3.1683	
PMP/A	1.0463	1.4422	1.5570	1.6522	1.7444	1.7768	1.8855	1.9882	2.2745	2.4559	2.8122	4.0329	6.4600	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE														
STATION NO. R5N ORDER SUB C20 4914 0	STATION NAME THREE RIVERS PH 2		ELEV 950	SEC 07	TWP 17S	RNG LOT 29E Q	RWM M	LATITUDE 36.461	LONGITUDE 118.841	COUNTY CODE 54				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	2.74	3.55	3.76	3.95	4.06	4.29	4.67	5.04	5.68	6.59	7.89	11.00	20.39	
5	4.03	5.42	5.80	6.07	6.21	6.49	7.03	7.51	8.38	9.59	11.24	15.78	27.66	
10	4.88	6.70	7.18	7.51	7.67	7.99	8.63	9.16	10.22	11.60	13.39	18.91	32.26	
20	5.69	7.91	8.50	8.88	9.06	9.40	10.16	10.71	11.49	12.94	15.40	21.84	36.49	
25	5.94	8.29	8.91	9.31	9.50	9.86	10.64	11.20	12.52	14.08	16.02	22.76	37.80	
40	6.47	9.08	9.77	10.20	10.41	10.78	11.64	12.21	13.66	15.31	16.32	24.65	40.49	
50	6.71	9.46	10.18	10.62	10.84	11.21	12.10	12.68	14.20	15.97	17.30	25.53	41.74	
100	7.46	10.60	11.42	11.91	12.14	12.55	13.54	14.13	15.84	17.65	19.72	28.22	45.54	
200	8.20	11.72	12.64	13.18	13.43	13.86	14.95	15.54	17.46	19.38	21.48	30.86	49.22	
1000	9.87	14.27	15.41	16.06	16.36	16.85	18.17	18.76	21.14	23.29	25.46	36.80	57.44	
10000	12.20	17.85	19.29	20.09	20.46	21.03	22.66	23.23	26.29	28.74	30.93	45.03	68.69	
PMP	23.73	34.25	37.10	38.61	39.27	40.23	43.29	45.43	49.53	53.75	62.95	89.26	140.06	

MEAN/A	3.033	4.001	4.252	4.463	4.579	4.826	5.241	5.601	6.333	7.266	8.540	12.005	21.682	
RP10/A	1.140	1.079	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.711	1.313	1.045	1.155	1.176	1.040	1.160	1.161	1.344	1.229	1.117	.988	1.491	.866
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000	
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000	
KURTOSIS	7.222	4.820	4.078	4.258	4.245	3.961	4.720	4.915	4.329	4.131	3.610	6.193	3.411	
N	23	23	23	23	23	23	23	23	23	23	23	23	23	
RECORD YEAR	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969	1969	1969	
RECORD MAXIMUM	7.900	9.930	10.100	11.340	11.680	11.850	13.870	14.420	15.750	17.180	18.790	29.390	44.850	
NORMALIZED MAX	2.660	2.493	2.250	2.507	2.580	2.514	2.693	2.723	2.719	2.699	2.559	3.113	2.474	
CALC. COEF. VAR	.603	.595	.611	.615	.601	.578	.611	.578	.547	.506	.465	.445	.432	
REGION. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.384	
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.384	
MEAN/A	.1399	.1845	.1961	.2058	.2112	.2226	.2417	.2593	.2921	.3351	.3939	.5537	1.0000	
RP10/A	.2251	.3088	.3311	.3462	.3538	.3681	.3981	.4223	.4713	.5348	.6188	.8721	1.4879	
RP25/A	.2741	.3824	.4110	.4292	.4381	.4542	.4907	.5165	.5773	.6495	.7388	1.0495	1.7435	
RP50/A	.3096	.4361	.4694	.4899	.4998	.5171	.5583	.5848	.6548	.7328	.8368	1.1775	1.9254	
RP100/A	.3443	.4888	.5295	.5491	.5601	.5787	.6245	.6515	.7306	.8140	.9093	1.3018	2.1002	
RP1000/A	.4553	.6584	.7107	.7407	.7546	.7772	.8379	.8652	.9751	1.0741	1.1743	1.6974	2.6493	
RP10000/A	.5625	.8231	.8897	.9267	.9436	.9701	1.0451	1.0714	1.2126	1.3253	1.4267	2.0766	3.1683	
PMP/A	1.0946	1.5796	1.7112	1.7806	1.8111	1.8554	1.9968	2.0952	2.3030	2.5721	2.8988	4.0168	6.4600	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSH ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY
C20 8917 0	THREE RIVERS PM 1	1140	08	175	29E	K	M	36-466	118-061	54
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.67	3.33	3.64	3.73	3.87	4.08	4.20	4.63	5.21	6.14
5	3.93	5.09	5.61	5.72	5.92	6.16	6.33	6.89	7.69	8.94
10	4.76	6.29	6.95	7.08	7.32	7.58	7.77	8.41	9.37	10.81
20	5.55	7.43	8.23	8.37	8.64	8.92	9.15	9.93	10.97	12.57
25	5.79	7.79	8.63	8.78	9.06	9.36	9.58	10.28	11.48	13.13
40	6.31	8.53	9.47	9.62	9.93	10.23	10.48	11.21	12.53	14.27
50	6.55	8.88	9.86	10.02	10.34	10.64	10.90	11.64	13.02	14.81
100	7.28	9.95	11.06	11.23	11.58	11.91	12.19	12.97	14.53	16.45
200	8.60	11.01	12.24	12.43	12.81	13.16	13.48	14.36	16.01	18.06
1000	9.63	13.41	14.93	15.15	15.61	16.00	16.36	17.22	19.39	21.71
10000	11.89	16.76	18.68	18.95	19.51	19.97	20.49	21.32	24.11	26.78
PMF	23.14	32.17	35.94	36.41	37.46	38.19	38.98	41.70	45.79	51.97
MEAN	2.957	3.758	4.119	4.210	4.368	4.582	4.719	5.142	5.867	6.772
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.300	1.750	1.525	1.459	1.400	1.375	1.350	1.300	1.200	1.050
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.200
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.200
KURTOSIS	4.000	5.572	4.792	4.503	4.484	4.5125	4.985	5.110	3.690	2.939
RECORD YEAR	21	21	21	21	21	21	21	21	21	21
RECORD MAXIMUM	1.967	1.967	1.967	1.967	1.967	1.967	1.967	1.967	1.967	1.967
NORMALIZED MAX	1.778	2.530	2.490	2.461	2.799	2.734	2.761	2.808	2.492	2.319
CALC. COEF. VAR	.520	.630	.607	.608	.637	.605	.571	.531	.502	.461
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445
MEAN/A	1.1493	1.0897	1.079	1.0725	1.064	1.0573	1.0508	1.0436	1.0364	1.0292
RP10/A	2.902	3.175	3.510	3.573	3.693	3.824	3.922	4.242	4.729	5.454
RP25/A	2.924	3.931	4.357	4.430	4.573	4.718	4.834	5.198	5.793	6.624
RP50/A	3.304	4.483	4.975	5.056	5.216	5.371	5.500	5.875	6.570	7.473
RP100/A	3.673	5.024	5.581	5.669	5.846	6.011	6.153	6.545	7.331	8.301
RP1000/A	4.968	6.767	7.533	7.645	7.877	8.073	8.255	8.691	9.784	10.954
RP10000/A	4.002	4.861	5.430	5.565	5.849	1.0076	1.0297	1.072	1.2167	1.3516
PMF/A	1.1680	1.6236	1.8137	1.8378	1.8903	1.9273	1.9672	2.1046	2.3107	2.6231

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSH ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY
C30 1300 0	CALIFORNIA HOT SPRINGS	2950	36	235	30E	R	M	35.883	118.683	54
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.45	3.21	3.59	4.07	4.35	4.65	4.96	5.45	6.53	7.12
5	3.59	4.91	5.53	6.25	6.65	7.04	7.46	8.12	9.64	10.37
10	4.36	6.07	6.85	7.73	8.22	8.65	9.16	9.90	11.76	12.54
20	5.08	7.16	8.11	9.14	9.71	10.19	10.78	11.58	13.77	14.58
25	5.30	7.51	8.51	9.58	10.17	10.67	11.29	12.11	14.40	15.23
40	5.77	8.23	9.33	10.50	11.15	11.68	12.35	13.20	15.72	16.55
50	5.99	8.57	9.72	10.93	11.61	12.15	12.85	13.71	16.33	17.18
100	6.66	9.60	10.90	12.16	13.01	13.60	14.37	15.27	18.23	19.08
200	7.32	10.62	12.06	13.56	14.39	15.02	15.87	16.81	20.09	20.95
1000	8.81	12.93	14.71	16.53	17.52	18.27	19.28	20.28	24.32	25.18
10000	10.89	16.17	18.41	20.68	21.91	22.80	24.05	25.12	30.25	31.07
PMF	21.18	31.02	35.42	39.74	42.08	43.60	45.95	49.12	57.45	60.29
MEAN	2.707	3.624	4.059	4.595	4.905	5.231	5.563	6.056	7.286	7.855
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.460	1.270	1.032	.722	.639	.750	.769	.944	1.000	1.000
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.200
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.200
KURTOSIS	2.965	4.046	3.454	2.934	2.716	3.078	3.152	3.767	3.189	3.589
RECORD YEAR	31	31	31	31	31	31	31	31	31	31
RECORD MAXIMUM	4.100	7.550	7.760	8.360	9.150	9.860	9.950	12.350	14.660	15.320
NORMALIZED MAX	1.485	2.398	2.160	2.111	2.455	2.405	2.136	2.757	2.594	2.892
CALC. COEF. VAR	.346	.452	.422	.388	.404	.401	.369	.377	.394	.366
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445
MEAN/A	1.1157	1.1548	1.1734	1.1963	1.2096	1.2235	1.2377	1.2587	1.3113	1.3356
RP10/A	1.1861	1.2591	1.2928	1.3301	1.3510	1.3696	1.3914	1.4230	1.5023	1.5356
RP25/A	1.2266	1.3209	1.3635	1.4093	1.4347	1.4541	1.4784	1.5173	1.6153	1.6505
RP50/A	1.2560	1.3659	1.4151	1.4672	1.4959	1.5192	1.5489	1.5858	1.6978	1.7339
RP100/A	1.2847	1.4101	1.4556	1.5238	1.5557	1.5811	1.6140	1.6526	1.7897	1.8151
RP1000/A	1.3765	1.5524	1.6285	1.7064	1.7487	1.7804	1.8238	1.8665	1.10393	1.10757
RP10000/A	1.4651	1.6908	1.7867	1.8837	1.9362	1.9740	1.10276	1.10731	1.12924	1.13273
PMF/A	1.9051	1.3253	1.5132	1.6980	1.7969	1.8630	1.9632	2.0984	2.4545	2.5759

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C30 A460 0	STATION NAME SPRINGVILLE RS	ELEV 1050	SEC 02	TWP 21S	RNG LOT 29E R	RWM M	LATITUDE 36.136	LONGITUDE 118.811	COUNTY 54	CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.14	2.59	2.91	3.13	3.30	3.45	3.75	4.09	4.69	5.43	6.45	9.34	14.54
5	3.15	3.96	4.48	4.81	5.04	5.21	5.65	6.10	6.92	7.91	9.19	13.39	22.44
10	3.81	4.88	5.55	5.95	6.23	6.40	6.94	7.43	8.43	9.56	10.95	16.05	26.17
20	4.45	5.77	6.57	7.04	7.38	7.54	8.17	8.69	9.88	11.12	12.59	18.54	29.60
25	4.64	6.05	6.89	7.38	7.71	7.90	8.55	9.09	10.33	11.61	13.10	19.32	30.67
40	5.05	6.63	7.56	8.09	8.45	8.65	9.35	9.91	11.27	12.63	13.35	20.92	32.85
50	5.25	6.90	7.87	8.42	8.80	9.00	9.73	10.29	11.72	13.10	14.64	21.67	33.86
100	5.83	7.73	8.83	9.44	9.86	10.07	10.88	11.47	13.07	14.55	16.12	23.96	36.94
200	6.31	8.55	9.77	10.45	10.91	11.12	12.02	12.62	14.41	15.98	17.57	26.20	39.92
1000	7.71	10.41	11.92	12.74	13.29	13.52	14.60	15.23	17.45	19.20	20.82	31.24	46.60
10000	9.53	13.02	14.92	15.93	16.61	16.87	18.21	18.86	21.70	23.70	25.29	38.23	55.73
PMP	14.55	24.98	28.70	30.62	31.89	32.28	34.40	36.87	41.21	45.49	51.39	75.78	113.62
MEAN	2.370	2.918	3.289	3.539	3.719	3.872	4.213	4.547	5.227	5.992	6.983	10.192	17.589
CLOCK NR. CON.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.577	2.186	2.087	2.019	2.084	1.905	1.465	1.437	1.891	1.458	1.248	1.323	1.568
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	11.442	8.797	11.999	10.235	8.449	7.439	5.347	4.819	6.601	4.910	4.374	4.392	2.800
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1969	1969	1969
RECORD MAXIMUM	6.020	7.760	10.150	10.900	10.900	10.900	10.900	10.900	13.730	14.290	14.990	21.070	31.370
NORMALIZED MAX	3.032	3.080	3.565	3.516	3.377	3.247	2.970	2.735	3.032	2.734	2.495	2.397	2.245
CALC. COEF. VAR	.508	.539	.585	.592	.572	.559	.534	.511	.537	.507	.460	.445	.349
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.348	1.659	1.870	2.012	2.114	2.202	2.395	2.585	2.972	3.407	3.970	5.794	1.0000
RP10/A	2.219	2.777	3.157	3.384	3.541	3.641	3.945	4.226	4.795	5.466	6.227	9.127	1.4879
RP25/A	2.640	3.348	3.919	4.196	4.386	4.492	4.862	5.168	5.874	6.603	7.447	1.0984	1.7435
RP50/A	2.983	3.922	4.476	4.789	5.003	5.114	5.532	5.852	6.662	7.449	8.321	1.2323	1.9253
RP100/A	3.318	4.395	5.021	5.370	5.607	5.729	6.188	6.519	7.433	8.274	9.165	1.3823	2.1002
RP1000/A	4.386	5.920	6.777	7.241	7.554	7.687	8.302	8.657	9.921	1.0919	1.1837	1.7764	2.4493
RP10000/A	5.419	7.401	8.883	9.059	9.445	9.594	1.0356	1.0720	1.2337	1.4712	1.4381	2.1735	3.1683
PMP/A	1.0545	1.4203	1.6316	1.7497	1.8129	1.8350	1.9785	2.0764	2.3430	2.6146	2.9219	4.3082	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C40 3465 0	STATION NAME GLENNVILLE FULTON R S	ELEV 3500	SEC 29	TWP 25S	RNG LOT 31E M	RWM M	LATITUDE 35.733	LONGITUDE 118.647	COUNTY 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.25	2.39	2.57	2.72	2.79	2.94	3.21	3.46	4.00	4.61	5.78	8.05	14.31
5	3.30	3.65	3.96	4.17	4.27	4.44	4.83	5.16	5.91	6.72	8.24	11.55	19.42
10	4.00	4.50	4.90	5.16	5.27	5.46	5.93	6.29	7.21	8.12	9.82	13.84	22.65
20	4.66	5.32	5.80	6.11	6.23	6.43	6.97	7.35	8.44	9.45	11.29	15.98	25.62
25	4.87	5.58	6.09	6.40	6.53	6.73	7.30	7.69	8.83	9.86	11.75	16.65	26.54
40	5.29	6.11	6.67	7.02	7.15	7.37	7.99	8.38	9.63	10.73	11.97	18.04	28.43
50	5.50	6.36	6.95	7.31	7.44	7.67	8.31	8.71	10.01	11.13	12.12	18.68	29.31
100	6.11	7.13	7.80	8.19	8.34	8.58	9.29	9.70	11.17	12.36	14.46	20.66	31.97
200	6.71	7.88	8.63	9.06	9.23	9.48	10.26	10.67	12.31	13.57	15.75	22.58	34.55
1000	8.08	9.60	10.52	11.05	11.24	11.52	12.47	12.88	14.91	16.31	18.67	26.93	40.33
10000	9.98	12.01	13.17	13.82	14.06	14.38	15.55	15.95	18.54	20.13	22.60	32.95	48.23
PMP	19.43	23.94	25.34	26.56	26.98	27.51	29.72	31.19	35.22	39.06	46.09	65.32	98.34
MEAN	2.483	2.692	2.904	3.076	3.146	3.300	3.598	3.845	4.466	5.090	6.262	8.785	15.223
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.095	.423	.323	.282	.160	.417	1.047	1.291	1.045	1.106	.559	1.317	.745
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	4.131	2.886	2.865	3.345	3.490	3.557	4.796	5.723	4.992	5.097	4.222	6.352	4.172
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.900	4.910	5.430	5.820	5.830	6.090	8.240	9.360	10.640	12.270	13.770	23.900	34.460
NORMALIZED MAX	1.896	1.788	1.957	2.179	2.186	2.017	2.723	2.935	2.821	2.815	2.615	3.075	2.579
CALC. COEF. VAR	.513	.461	.445	.460	.439	.436	.547	.548	.490	.501	.462	.559	.490
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.1631	1.768	1.908	2.017	2.067	2.168	2.363	2.526	2.934	3.343	4.113	5.771	1.0000
RP10/A	2.265	2.959	3.221	3.392	3.462	3.585	3.892	4.129	4.734	5.336	6.452	9.090	1.4879
RP25/A	3.106	3.664	3.998	4.205	4.287	4.470	4.950	5.279	5.799	6.480	7.718	1.0940	1.7435
RP50/A	3.610	4.179	4.566	4.890	4.991	5.036	5.458	5.719	6.578	7.311	8.622	1.2274	1.9253
RP100/A	4.014	4.683	5.122	5.382	5.481	5.636	6.105	6.371	7.340	8.121	9.497	1.3569	2.1002
RP1000/A	5.309	6.308	6.913	7.258	7.384	7.569	8.192	8.460	9.796	1.0716	1.2264	1.7692	2.6493
RP10000/A	6.559	7.887	8.654	9.080	9.233	9.447	1.0218	1.0477	1.2181	1.3222	1.4900	2.1648	3.1683
PMP/A	1.2764	1.5135	1.6644	1.7446	1.7722	1.8668	1.9522	2.0487	2.3135	2.5660	3.0275	4.2909	6.4600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C50 4513 0	STATION NAME KEHN CANYON PH PG-E	ELEV 700	SEC 06	TWP 29S	RNG LIT 30F R	HMM M	LATITUDE 35+44.1	LONGITUDE 118+79S	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-MO:HS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.04	1.17	1.26	1.35	1.47	1.55	1.71	1.87	2.18	2.45	2.80	3.88	7.79
5	1.53	1.79	1.95	2.08	2.25	2.35	2.57	2.78	3.21	3.57	3.99	5.57	10.56
10	1.85	2.21	2.41	2.57	2.78	2.89	3.15	3.39	3.92	4.32	4.76	6.67	12.32
20	2.16	2.60	2.86	3.04	3.28	3.40	3.71	3.97	4.59	5.03	5.47	7.71	13.94
25	2.26	2.73	3.00	3.18	3.44	3.54	3.89	4.15	4.80	5.25	5.69	8.03	14.44
40	2.66	2.99	3.26	3.49	3.77	3.89	4.25	4.52	5.24	5.70	6.00	8.70	16.47
50	2.55	3.11	3.42	3.63	3.93	4.05	4.42	4.69	5.44	5.92	6.36	9.01	16.94
100	2.84	3.49	3.84	4.07	4.40	4.54	4.95	5.23	6.07	6.58	7.01	9.96	17.39
200	3.12	3.86	4.25	4.51	4.87	5.03	5.44	5.75	6.69	7.22	7.63	10.89	18.80
1000	3.75	4.70	5.18	5.49	5.93	6.09	6.64	6.94	8.11	8.68	9.05	12.99	21.94
10000	4.43	5.68	6.49	6.87	7.41	7.60	8.28	8.60	10.08	10.71	10.99	15.89	24.24
PMP	9.07	11.28	12.47	13.20	14.23	14.54	15.81	16.82	19.15	20.79	22.33	31.50	51.50
MEAN	1.152	1.318	1.430	1.526	1.660	1.745	1.915	2.074	2.428	2.708	3.035	4.236	8.281
CLOCK HR. COR.	1.144	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.850	0.770	0.718	0.678	0.650	0.640	0.621	0.619	0.594	0.584	0.566	0.540	0.548
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	3.897	2.932	3.315	3.196	3.279	3.297	3.718	4.832	4.163	2.587	2.633	6.410	3.809
N	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	1917	1938	1938	1938	1938	1938	1969	1917	1933	1969	1969	1969	1969
RECORD MAXIMUM	1.430	1.930	2.390	2.670	2.950	2.850	3.400	4.121	4.340	4.500	5.160	9.670	14.870
NORMALIZED MAX	1.093	1.734	2.256	2.313	2.294	2.089	2.457	2.794	2.385	1.972	2.135	3.339	2.647
CALC. COEF. VAR	.250	.268	.298	.324	.313	.303	.316	.353	.330	.335	.328	.384	.301
REGM. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.1391	1.1591	1.1726	1.1843	1.2004	1.2107	1.2312	1.2504	1.2932	1.3270	1.3685	1.5116	1.0000
RP10/A	.2239	.2683	.2915	.3100	.3357	.3481	.3682	.3833	.4731	.5210	.5659	.8258	1.4879
RP25/A	.2726	.3297	.3618	.3843	.4158	.4299	.4493	.4693	.5697	.6374	.6874	1.0877	1.7435
RP50/A	.3080	.3761	.4132	.4387	.4742	.4894	.5340	.5669	.6574	.7151	.7681	1.0880	1.9253
RP100/A	.3424	.4215	.4635	.4818	.5315	.5477	.5973	.6315	.7335	.7943	.8460	1.2028	2.1002
RP1000/A	.4529	.5677	.6256	.6633	.7161	.7354	.8014	.8386	.9790	1.0482	1.0926	1.5683	2.4493
RP10000/A	.5595	.7098	.7831	.8298	.8954	.9182	.9996	1.0385	1.2174	1.2933	1.3274	1.9189	3.1683
PMP/A	1.0888	1.3620	1.5063	1.5944	1.7186	1.7561	1.9098	2.0307	2.3121	2.5100	2.6971	3.8036	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C50 4519 0	STATION NAME KEHN RIV INTAKE 3 SCE	ELEV 3642	SEC 12	TWP 23S	RNG LOT 32E F	HMM M	LATITUDE 35+94.5	LONGITUDE 118+47.6	COUNTY CODE 54				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-MO:HS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.44	3.19	3.55	3.74	3.98	4.24	4.59	4.95	5.40	5.81	6.93	9.61	15.76
5	3.61	4.88	5.47	5.75	6.09	6.41	6.91	7.37	7.99	8.46	9.88	13.79	21.39
10	4.38	6.03	6.78	7.11	7.53	7.88	8.49	8.98	9.72	10.23	11.77	16.52	24.94
20	5.10	7.12	8.03	8.41	8.89	9.29	9.99	10.51	11.39	11.90	13.53	19.08	28.22
25	5.33	7.46	8.42	8.81	9.32	9.73	10.46	10.99	11.91	12.43	14.08	19.88	29.23
40	5.80	8.18	9.23	9.66	10.21	10.64	11.45	11.98	13.00	13.51	14.35	21.53	31.31
50	6.02	8.51	9.61	10.06	10.63	11.08	11.91	12.44	13.51	14.02	15.73	22.31	32.28
60	6.49	9.54	10.78	11.28	11.92	12.39	13.32	13.86	15.06	15.57	17.33	24.66	35.21
200	7.35	10.55	11.93	12.48	13.18	13.69	14.71	15.25	16.62	17.10	18.88	26.96	38.05
1000	8.85	12.85	14.55	15.21	16.05	16.65	17.87	18.41	20.12	20.55	22.38	32.15	44.42
10000	10.94	16.07	18.22	19.03	20.07	20.74	22.29	22.78	25.02	25.35	27.19	39.34	51.12
PMP	21.28	36.03	35.04	36.56	38.53	39.74	42.58	44.57	47.52	49.21	55.24	77.98	108.30
MEAN	2.720	3.602	4.016	4.227	4.493	4.768	5.155	5.495	6.027	6.412	7.505	10.489	16.765
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	4.134	4.075	3.885	3.898	3.618	3.571	3.272	3.167	2.886	2.802	2.285	1.360	1.145
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	24.743	24.445	22.816	23.171	21.082	20.802	17.701	16.921	14.684	14.240	11.284	5.227	4.269
N	51	51	51	51	51	51	51	51	51	51	51	51	51
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	13.020	19.840	22.040	22.840	23.570	24.370	24.910	25.110	25.110	26.240	26.240	29.930	40.790
NORMALIZED MAX	4.888	5.286	5.577	5.529	5.462	5.442	5.223	5.159	4.932	4.911	4.552	3.316	3.109
CALC. COEF. VAR	.775	.853	.835	.796	.777	.756	.734	.692	.642	.630	.548	.559	.461
REGM. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.022	1.2149	1.2396	1.2521	1.2680	1.2844	1.3075	1.3278	1.3595	1.3824	1.4477	1.6256	1.0000
RP10/A	.2611	.3596	.4045	.4240	.4489	.4703	.5064	.5358	.5801	.6103	.7022	.9854	1.4879
RP25/A	.3179	.4452	.5021	.5250	.5560	.5803	.6242	.6553	.7106	.7412	.8398	1.1860	1.7435
RP50/A	.3581	.5078	.5734	.6000	.6362	.6606	.7102	.7421	.8060	.8363	.9383	1.3300	1.9253
RP100/A	.3993	.5691	.6393	.6728	.7108	.7354	.7844	.8267	.8993	.9285	1.0335	1.4120	2.1002
RP1000/A	.5281	.7666	.8682	.9073	.9576	.9829	1.0658	1.0977	1.2003	1.2258	1.3347	1.9180	2.6493
RP10000/A	.6524	.9584	1.0867	1.1351	1.1974	1.2393	1.3295	1.3594	1.4926	1.5125	1.6216	2.3668	3.1683
PMP/A	1.2695	1.8391	2.0902	2.1809	2.2983	2.3703	2.5400	2.6584	2.9743	2.9353	3.2948	4.6517	6.4600

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB C50 4520 0	STATION NAME KERN RIV PH N J	ELEV 790	SEC 29	TWP 285	RNG LOT 10E N	RMM M	LATITUDE 35+460	LONGITUDE 119+790	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	100	150	200	300	600	3650	
2	1.431	1.53	1.61	1.90	2.05	1.99	2.11	2.41	2.78	3.14	3.62	5.17	10.38
5	1.92	2.34	2.49	2.91	3.13	3.00	3.19	3.59	4.11	4.58	5.16	7.42	14.09
10	2.33	2.89	3.08	3.60	3.87	3.69	3.91	4.37	5.01	5.54	6.15	8.69	16.42
20	2.72	3.41	3.64	4.26	4.57	4.35	4.60	5.12	5.87	6.44	7.07	10.27	18.58
25	2.84	3.58	3.82	4.47	4.79	4.55	4.81	5.35	6.14	6.72	7.36	10.70	19.25
40	3.09	3.92	4.19	4.90	5.25	4.98	5.24	5.83	6.70	7.31	7.96	11.59	20.62
50	3.21	4.08	4.36	5.10	5.46	5.18	5.44	6.06	6.96	7.59	8.22	12.00	21.26
100	3.57	4.57	4.90	5.72	6.12	5.80	6.13	6.75	7.77	8.43	9.06	13.27	23.18
200	3.92	5.05	5.42	6.33	6.77	6.41	6.76	7.42	8.56	9.25	9.87	14.51	25.06
1000	4.72	6.16	6.61	7.71	8.25	7.79	8.22	8.96	10.37	11.12	11.70	17.30	29.24
10000	5.93	7.70	8.27	9.65	10.31	9.73	10.25	11.17	12.69	13.72	14.21	21.17	34.97
PMP	11.36	14.78	15.91	18.54	19.79	18.60	19.59	21.70	26.49	28.63	28.87	41.97	71.31
MEAN	1.450	1.727	1.823	2.143	2.308	2.272	2.371	2.676	3.106	3.470	3.923	5.644	11.038
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.218	.935	.829	.780	1.083	.514	.705	.994	1.217	.931	.991	1.398	.366
REGIONAL SKEW	1.360	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.360	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	6.634	3.689	3.381	3.448	4.773	2.554	2.919	3.218	3.778	2.498	2.478	2.448	2.714
N	42	41	37	30	26	32	30	28	32	36	39	41	41
RECORD YEAR	1928	1928	1943	1943	1943	1938	1933	1943	1915	1915	1915	1943	1941
RECORD MAXIMUM	2.770	2.968	3.220	4.000	4.580	3.490	3.930	4.600	5.620	5.620	6.320	9.460	18.210
NORMALIZED MAX	2.445	2.244	2.493	2.557	2.415	2.055	2.294	2.185	2.529	2.683	1.983	2.080	2.121
CALC. COEF. VAR	.219	.318	.307	.339	.338	.274	.297	.329	.320	.297	.308	.305	.306
REGN. COEF. VAR	.445	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.445	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.1313	1.1565	1.1652	1.1942	1.2091	1.2022	1.2148	1.2424	1.2814	1.3143	1.3554	1.5113	1.0000
RP10/A	1.2114	1.2619	1.2789	1.3265	1.3503	1.3343	1.3538	1.3962	1.4501	1.5016	1.5514	1.8479	1.0000
RP25/A	1.2573	1.3243	1.3602	1.4049	1.4235	1.4125	1.4361	1.4846	1.5501	1.6092	1.6667	1.9693	1.7435
RP50/A	1.2707	1.3698	1.3984	1.4621	1.4848	1.4657	1.4961	1.5477	1.6307	1.6873	1.7449	1.0000	1.0000
RP100/A	1.3212	1.4144	1.4435	1.5181	1.5546	1.5244	1.5550	1.6113	1.7038	1.7635	1.8255	1.2022	2.1002
RP1000/A	1.4275	1.5583	1.5866	1.6887	1.7472	1.7059	1.7446	1.8177	1.9393	1.0075	1.0596	1.5676	2.6493
RP10000/A	1.5281	1.6988	1.7493	1.8742	1.9342	1.8810	1.9288	1.0052	1.1681	1.2431	1.2873	1.9180	3.1683
PMP/A	1.0277	1.3394	1.4412	1.6796	1.7431	1.6852	1.7745	1.9657	2.2184	2.4125	2.6156	3.8019	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB C50 4523 0	STATION NAME KERN RIVER P H 3		ELEV 2703	SEC 09	TWP 255	RNG LOT 33E A	RMM M	LATITUDE 35+770	LONGITUDE 118+435	COUNTY CODE 15			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.68	2.26	2.48	2.55	2.59	2.69	2.93	3.17	3.52	3.90	4.70	6.53	10.86
5	2.46	3.45	3.82	3.92	3.97	4.07	4.73	5.20	5.67	6.70	9.37	14.73	17.19
10	2.98	4.26	4.73	4.85	4.90	5.01	5.24	5.76	6.34	6.86	7.99	11.23	17.19
20	3.48	5.03	5.60	5.74	5.79	5.90	6.14	6.74	7.42	7.98	9.18	12.97	19.44
25	3.63	5.27	5.87	6.02	6.07	6.18	6.45	7.05	7.77	8.33	9.55	13.51	20.14
40	3.95	5.78	6.44	6.60	6.65	6.76	7.06	7.68	8.48	9.06	9.73	14.63	21.57
50	4.11	6.01	6.71	6.87	6.93	7.03	7.34	7.98	8.81	9.40	10.67	15.16	22.24
100	4.56	6.74	7.52	7.70	7.76	7.87	8.21	8.89	9.83	10.44	11.76	16.76	24.26
200	5.02	7.45	8.33	8.52	8.59	8.69	9.07	9.78	10.83	11.46	12.81	18.32	26.22
1000	6.04	9.09	10.16	10.38	10.46	10.57	11.02	11.81	13.12	13.78	15.18	21.85	30.60
10000	7.46	11.35	12.71	12.99	13.08	13.19	13.75	14.62	16.31	17.00	18.45	26.73	36.59
PMP	14.51	21.78	24.45	24.96	25.10	25.23	26.26	28.55	30.98	32.99	37.48	52.99	74.61
MEAN	1.4955	2.544	2.802	2.886	2.927	3.027	3.180	3.526	3.929	4.299	5.093	7.127	11.550
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.274	1.170	1.395	1.274	1.199	1.176	.988	.600	.640	.482	.657	.531	1.058
REGIONAL SKEW	1.308	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	4.646	4.316	5.293	4.990	4.666	4.747	3.800	2.803	2.790	2.369	2.779	3.207	4.373
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1981	1963	1963	1963	1963	1963	1963	1963	1963	1963	1952	1952	1958
RECORD MAXIMUM	3.370	4.830	6.300	6.310	6.310	6.310	6.310	7.090	7.220	9.190	13.030	21.570	34.790
NORMALIZED MAX	1.828	2.029	2.613	2.660	2.659	2.672	2.450	2.158	1.759	1.978	2.075	2.383	2.633
CALC. COEF. VAR	.447	.443	.478	.445	.435	.406	.398	.367	.371	.378	.407	.399	.364
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.1666	1.2203	1.2426	1.2498	1.2535	1.2621	1.2753	1.3052	1.3402	1.3722	1.4409	1.6171	1.0000
RP10/A	1.2586	1.3687	1.4096	1.4201	1.4248	1.4334	1.4518	1.4989	1.5501	1.6016	1.6719	1.9199	1.0000
RP25/A	1.3146	1.4565	1.5085	1.5298	1.5388	1.5477	1.5688	1.6103	1.6724	1.7213	1.8271	1.1697	1.7435
RP50/A	1.3554	1.5207	1.5907	1.5946	1.5988	1.6084	1.6358	1.6910	1.7626	1.8138	1.9241	1.2123	1.9535
RP100/A	1.3952	1.5835	1.6514	1.6667	1.6722	1.6813	1.7111	1.7698	1.8510	1.9040	1.0179	1.4508	2.1002
RP1000/A	1.5227	1.7860	1.8792	1.8990	1.9056	1.9156	1.9517	1.0022	1.1357	1.1929	1.3146	1.909	2.6493
RP10000/A	1.6457	1.9827	2.1006	2.1267	2.1324	2.1421	2.1902	2.2659	2.4123	2.4718	1.5971	2.3146	3.1683
PMP/A	1.2566	1.4858	2.1169	2.1611	2.1734	2.1844	2.2739	2.4755	2.6823	2.8564	3.2451	4.5878	6.4600

PEAKSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C50 4527 0	STATION NAME KERNVILLE	ELEV 2450	SEC	TWP	RNG LOT	HWM	LATITUDE 35.733	LONGITUDE 118.433	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	RD	100	150	200	300	600	3650
2	1.45	1.78	2.02	2.14	2.26	2.41	2.61	2.83	3.31	3.62	4.35	5.76	9.10
5	2.12	2.73	3.11	3.29	3.46	3.65	3.93	4.22	4.88	5.28	6.20	8.26	12.34
10	2.57	3.37	3.85	4.07	4.27	4.48	4.82	5.14	5.95	6.38	7.39	9.90	14.39
20	3.00	3.97	4.56	4.81	5.05	5.28	5.68	6.01	6.97	7.42	8.49	11.44	16.28
25	3.13	4.17	4.78	5.04	5.29	5.53	5.94	6.28	7.24	7.75	8.83	11.92	16.87
40	3.41	4.57	5.24	5.53	5.80	6.05	6.50	6.85	7.96	8.43	9.60	12.91	18.07
50	3.54	4.75	5.46	5.75	6.04	6.30	6.76	7.12	8.27	8.74	9.87	13.37	18.63
100	3.90	5.33	6.12	6.45	6.77	7.05	7.56	7.91	9.23	9.71	10.87	14.78	21.32
200	4.35	5.89	6.77	7.14	7.49	7.79	8.35	8.72	10.17	10.65	11.85	16.16	21.96
1000	5.21	7.17	8.26	8.70	9.12	9.47	10.15	10.53	12.32	12.82	14.04	19.28	25.63
10000	6.43	8.97	10.34	10.88	11.40	11.82	12.66	13.04	15.32	15.81	17.06	23.58	30.65
PHP	12.52	17.21	19.89	20.91	21.88	22.60	24.19	25.49	29.10	30.49	34.66	46.75	62.49
MEAN	1.600	2.011	2.280	2.417	2.552	2.712	2.928	3.144	3.690	3.988	4.710	6.288	9.674
CLOCK HR. COR.	1.160	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.270	1.207	1.039	.873	.854	.806	.871	.860	1.041	1.334	1.000	1.451	.952
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	3.448	3.948	3.087	2.683	2.689	2.785	3.086	3.050	4.053	5.344	6.844	5.802	4.444
N	34	34	34	34	34	34	34	34	34	34	34	34	42
RECORD YEAR	1916	1916	1916	1916	1916	1909	1909	1916	1916	1916	1916	1909	1909
RECORD MAXIMUM	12.56	4.430	5.330	5.430	5.830	5.900	6.800	7.156	9.730	11.450	14.300	14.930	21.220
NORMALIZED MAX	1.070	2.413	2.205	2.079	2.211	2.100	2.490	2.358	2.972	3.305	3.560	3.095	2.971
CALC. COEF. VAR	.624	.600	.607	.600	.581	.580	.531	.541	.551	.564	.572	.547	.402
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.474	.459	.445	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.474	.459	.445	.445	.424	.429	.364
MEAN/A	1.1654	1.2078	1.2357	1.2499	1.2638	1.2803	1.3027	1.3249	1.3815	1.4133	1.4868	1.6499	1.0000
RP10/A	1.2062	1.3479	1.3979	1.4202	1.4419	1.4635	1.4985	1.5312	1.6155	1.6596	1.7636	1.0237	1.4879
RP25/A	1.3240	1.4307	1.4939	1.5210	1.5473	1.5719	1.6144	1.6497	1.7540	1.8010	1.9132	1.2320	1.7453
RP50/A	1.3661	1.4913	1.5641	1.5947	1.6242	1.6511	1.6991	1.7357	1.8552	1.9037	1.0204	1.3822	1.9253
RP100/A	1.4071	1.5505	1.6328	1.6689	1.6996	1.7287	1.7619	1.8195	1.9542	1.0019	1.1240	1.5281	2.1002
RP1000/A	1.5383	1.7416	1.8691	1.8992	1.926	1.9784	1.1.0491	1.0882	1.2735	1.3247	1.4515	1.9925	2.6493
RP10000/A	1.6651	1.9271	1.0691	1.1250	1.1785	1.2214	1.3087	1.3476	1.5837	1.6345	1.7635	2.4379	3.1683
PHP/A	1.2942	1.7791	2.0564	2.1615	2.2621	2.3362	2.5002	2.6353	3.0078	3.1720	3.5831	4.6324	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C50 4462 80	STATION NAME ONYX 2	ELEV 2700	SEC	TWP	RNG LOT	HWM	LATITUDE 35.683	LONGITUDE 118.233	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	RD	100	150	200	300	600	3650
2	1.38	1.73	1.92	1.97	2.06	2.18	2.35	2.54	2.79	2.96	3.55	5.16	8.37
5	2.02	2.65	2.96	3.03	3.16	3.29	3.54	3.78	4.12	4.31	5.08	7.40	11.35
10	2.45	3.27	3.67	3.74	3.90	4.04	4.35	4.61	5.02	5.21	6.03	8.87	13.19
20	2.86	3.87	4.34	4.43	4.61	4.74	5.12	5.40	5.88	6.07	6.94	10.25	14.97
25	2.98	4.05	4.55	4.64	4.83	4.99	5.36	5.64	6.15	6.33	7.22	10.68	15.51
40	3.25	4.44	4.99	5.09	5.29	5.46	5.87	6.15	6.71	6.89	7.35	11.57	16.61
50	3.37	4.62	5.20	5.30	5.51	5.68	6.10	6.39	6.97	7.14	8.06	11.98	17.13
100	3.75	5.18	5.83	5.94	6.17	6.36	6.83	7.12	7.78	7.94	8.68	13.25	18.68
200	4.12	5.73	6.46	6.57	6.83	7.02	7.54	7.83	8.58	8.71	9.68	14.48	20.19
1000	4.45	6.98	7.88	8.01	8.32	8.54	9.16	9.45	10.39	10.47	11.47	17.27	23.57
10000	6.12	8.73	9.86	10.03	10.46	10.66	11.42	11.70	12.92	12.92	13.93	21.13	29.19
PHP	11.91	16.75	18.96	19.26	19.96	20.38	21.83	22.88	24.53	25.08	28.31	41.89	57.47
MEAN	1.522	1.958	2.173	2.227	2.328	2.445	2.642	2.822	3.111	3.267	3.846	5.634	8.896
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.474	1.485	1.596	1.639	1.627	1.629	1.806	1.785	1.911	1.935	1.826	1.764	.985
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	2.949	4.887	5.167	4.917	6.245	5.454	6.014	6.193	7.208	7.067	7.626	7.183	4.531
RECORD YEAR	1969	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.540	4.189	5.350	5.350	6.180	6.180	6.850	7.487	8.310	8.310	9.390	15.010	18.930
NORMALIZED MAX	1.689	2.392	2.643	2.644	3.073	2.922	2.901	3.054	3.274	3.213	3.381	3.352	2.768
CALC. COEF. VAR	.397	.475	.553	.530	.538	.523	.549	.541	.570	.580	.426	.497	.408
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.474	.459	.445	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.474	.459	.445	.445	.424	.429	.364
MEAN/A	1.1711	1.2199	1.2443	1.2503	1.2617	1.2749	1.2970	1.3172	1.3497	1.3673	1.4324	1.6333	1.0000
RP10/A	1.2753	1.3681	1.4124	1.4210	1.4383	1.4548	1.4892	1.5185	1.5643	1.5861	1.6782	1.9975	1.4879
RP25/A	1.3352	1.4557	1.5120	1.5220	1.5428	1.5600	1.6029	1.6341	1.6913	1.7118	1.8111	1.2005	1.7435
RP50/A	1.3707	1.5198	1.5847	1.5957	1.6192	1.6386	1.6860	1.7181	1.7880	1.8081	1.9052	1.3491	1.9253
RP100/A	1.4211	1.5825	1.6558	1.6680	1.6940	1.7144	1.7673	1.7999	1.8749	1.8921	1.9982	1.4890	2.1002
RP1000/A	1.5569	1.7846	1.8853	1.9008	1.9350	1.9594	1.1.0294	1.0622	1.1676	1.1772	1.2891	1.9415	2.4493
RP10000/A	1.6880	1.9810	1.1082	1.1269	1.1691	1.1974	1.2882	1.3154	1.4520	1.4524	1.5662	2.3756	3.1693
PHP/A	1.3334	1.8825	2.1314	2.1653	2.2439	2.2912	2.4535	2.5723	2.7576	2.8186	3.1623	4.7087	6.4600

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STATION DATA DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. WSN ORDER SUB C50 9754 0	STATION NAME WOFFORD HEIGHTS	ELEV 2700	SEC 32	TWP 255	RNG LOT 13E M M	HWM H	LATITUDE 35.717	LONGITUDE 118.440	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.74	2.17	2.44	2.56	2.57	2.66	2.77	3.10	3.39	3.45	4.25	5.67	9.49
5	2.55	3.24	3.76	3.93	3.93	4.03	4.17	4.61	5.00	5.32	6.06	8.42	12.87
10	3.09	4.00	4.66	4.86	4.85	4.95	5.12	5.62	6.10	6.43	7.22	10.09	15.01
20	3.61	4.73	5.52	5.74	5.73	5.83	6.02	6.58	7.14	7.48	8.30	11.06	16.98
25	3.77	4.96	5.78	6.02	6.01	6.11	6.31	6.88	7.47	7.81	8.64	12.15	17.59
40	4.10	5.43	6.34	6.60	6.58	6.69	6.90	7.50	8.15	8.49	9.38	13.16	19.84
50	4.26	5.65	6.61	6.87	6.85	6.96	7.18	7.79	8.47	8.81	9.65	13.63	19.42
100	4.73	6.34	7.41	7.71	7.68	7.78	8.03	8.67	9.45	9.78	10.63	15.07	21.19
200	5.20	7.01	8.20	8.53	8.49	8.60	8.86	9.50	10.42	10.74	11.58	16.47	22.90
1000	6.76	8.53	10.00	10.39	10.34	10.45	10.77	11.52	12.62	12.91	13.73	19.65	26.73
10000	7.73	10.67	12.52	13.00	12.93	13.05	13.43	14.20	15.69	15.93	16.68	24.04	31.97
PMP	15.04	20.48	24.08	24.99	24.83	24.96	25.66	27.89	29.80	30.91	33.49	47.65	65.17

MEAN	1.923	2.392	2.760	2.889	2.895	2.994	3.107	3.439	3.780	4.027	4.605	6.409	10.089
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.618	2.954	2.650	2.766	3.000	3.076	2.783	2.573	2.251	2.163	1.860	1.470	1.038
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.300	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.400	1.100	1.200	1.000

KURTOSIS	11.692	13.086	12.124	13.845	14.003	14.516	13.916	11.735	9.977	9.609	6.766	3.977	3.580
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	6.040	8.440	9.680	10.820	10.400	11.080	11.250	11.400	12.200	12.200	14.070	20.190	20.190
NORMALIZED MAX	2.974	3.414	3.337	3.657	3.717	3.759	3.762	3.597	3.446	3.411	3.074	2.491	2.236
CALC. COEF. VAR	.720	.765	.730	.751	.749	.713	.675	.574	.551	.524	.480	.448	.480
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.455	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.455	.445	.424	.429	.364

MEAN/A	.1906	.2371	.2736	.2863	.2870	.2968	.3080	.3409	.3746	.3992	.4564	.6352	1.0000
RP10/A	.1017	.1368	.1619	.1615	.1607	.1698	.1777	.1957	.2045	.2159	.2406	.3006	.4819
RP25/A	.1734	.2491	.2734	.2853	.2853	.2951	.3081	.3409	.3746	.3992	.4564	.6352	1.0000
RP50/A	.4219	.5604	.6548	.6814	.6790	.6894	.7121	.7718	.8398	.8729	.9560	1.1000	1.9253
RP100/A	.6690	.8280	.9345	.9640	.9610	.9715	.9756	.9898	.9971	.9996	1.0000	1.0000	1.0000
RP1000/A	.6202	.8431	.9416	1.0363	1.0362	1.0476	1.1177	1.2507	1.2705	1.3007	1.4947	2.4493	4.8493
RP10000/A	.7463	1.0576	1.2410	1.3890	1.2920	1.2913	1.3314	1.4819	1.5593	1.5787	1.6532	2.3828	3.1683
PMP/A	1.4912	2.0295	2.3870	2.4766	2.4607	2.4736	2.5437	2.7648	2.9538	3.0638	3.3590	4.7231	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. WSN ORDER SUB C60 1296 1	STATION NAME CALIENTE	ELEV 1290	SEC 26	TWP 305	RNG LOT 31E M	HWM M	LATITUDE 35.300	LONGITUDE 118.633	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.58	1.76	1.95	2.09	2.19	2.34	2.53	2.77	3.23	3.52	4.40	5.99	11.14
5	2.32	2.69	3.00	3.21	3.36	3.54	3.80	4.13	4.77	5.13	6.27	8.59	15.12
10	2.81	3.32	3.72	3.97	4.15	4.35	4.67	5.04	5.82	6.20	7.47	10.29	17.63
20	3.28	3.92	4.40	4.69	4.90	5.13	5.50	5.89	6.81	7.21	8.59	11.88	19.95
25	3.43	4.11	4.62	4.92	5.13	5.37	5.76	6.16	7.13	7.53	8.93	12.38	20.66
40	3.73	4.50	5.06	5.40	5.63	5.88	6.30	6.72	7.78	8.19	9.10	13.41	22.14
50	3.87	4.69	5.27	5.62	5.86	6.12	6.55	6.98	8.08	8.50	9.48	13.89	22.82
100	4.30	5.25	5.91	6.30	6.56	6.84	7.33	7.77	9.02	9.44	10.99	15.36	24.89
200	4.73	5.81	6.55	6.97	7.26	7.56	8.09	8.55	9.94	10.36	11.98	16.79	26.90
1000	5.69	7.08	7.98	8.49	8.84	9.19	9.83	10.32	12.04	12.45	14.20	20.03	31.40
10000	7.03	8.85	9.99	10.63	11.06	11.47	12.26	12.78	14.97	15.36	17.25	24.50	37.55
PMP	13.69	16.98	19.22	20.42	21.22	21.94	23.42	24.99	28.43	29.82	35.05	48.57	76.56

MEAN	1.749	1.983	2.203	2.360	2.475	2.633	2.836	3.082	3.605	3.885	4.762	6.532	11.852
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.040	1.084	1.040	1.040	1.040	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.400	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.400	1.100	1.200	1.000

KURTOSIS	1.735	5.522	2.849	2.357	2.456	3.203	3.363	3.329	3.409	2.652	2.000	2.340	2.307
N	33	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938
RECORD MAXIMUM	2.250	3.000	3.900	4.900	4.000	4.400	5.230	5.230	7.150	7.150	7.720	11.600	20.180
NORMALIZED MAX	.923	2.041	2.113	1.939	1.834	2.299	2.561	2.026	2.715	2.254	1.652	1.943	1.160
CALC. COEF. VAR	.310	.333	.305	.330	.336	.305	.329	.344	.362	.373	.376	.399	.358
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.455	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.455	.445	.424	.429	.364

MEAN/A	.1476	.1673	.1859	.1991	.2088	.2221	.2393	.2600	.3042	.3278	.4017	.5511	1.0000
RP10/A	.2375	.2801	.3138	.3349	.3498	.3673	.3941	.4251	.4908	.5231	.6302	.8681	1.4879
RP25/A	.2891	.3468	.3896	.4152	.4332	.4532	.4819	.5093	.6013	.6353	.7536	1.0447	1.7435
RP50/A	.3266	.3955	.4449	.4739	.4942	.5160	.5526	.5887	.6820	.7169	.8420	1.1721	1.9253
RP100/A	.3632	.4432	.4941	.5314	.5538	.5774	.6181	.6558	.7609	.7962	.9275	1.2928	2.1002
RP1000/A	.4003	.5070	.5737	.6168	.6462	.6755	.7293	.7823	.9016	1.0156	1.1978	1.6896	2.6493
RP10000/A	.5934	.7464	.8432	.8966	.9330	.9680	1.0345	1.0784	1.2629	1.2963	1.4553	2.0673	3.1683
PMP/A	1.1547	1.4323	1.6219	1.7226	1.7908	1.8514	1.9764	2.1088	2.3985	2.5158	2.9569	4.0977	6.4600

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C60 4463 0	STATION NAME KEENE FS	ELEV 2575	SEC 20	TWP 315	RNG LOT 32E C	HWM M	LATITUDE 35.225	LONGITUDE 118.565	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.54	2.03	2.17	2.27	2.35	2.42	2.53	2.81	3.25	3.69	4.56	6.64	13.14
5	2.25	3.11	3.35	3.48	3.60	3.65	3.82	4.18	4.79	5.38	6.50	9.53	17.82
10	2.73	3.84	4.15	4.30	4.45	4.49	4.69	5.10	5.84	6.50	7.75	11.42	20.79
20	3.19	4.53	4.91	5.09	5.26	5.29	5.51	5.97	6.84	7.56	8.91	13.19	25.52
25	3.33	4.75	5.15	5.34	5.51	5.54	5.77	6.24	7.16	7.89	9.27	13.74	24.36
40	3.62	5.21	5.65	5.85	6.04	6.06	6.32	6.80	7.81	8.58	9.44	14.49	24.09
50	3.76	5.42	5.89	6.08	6.28	6.31	6.57	7.05	8.12	8.90	10.36	15.42	26.90
100	4.18	6.07	6.60	6.83	7.04	7.06	7.35	7.87	9.06	9.89	11.41	17.05	29.34
200	4.59	6.72	7.31	7.56	7.79	7.80	8.12	8.66	9.98	10.86	12.43	18.64	31.71
1000	5.53	8.18	8.91	9.21	9.49	9.48	9.86	10.45	12.09	13.05	14.73	22.23	37.01
10000	6.83	10.23	11.16	11.52	11.87	11.83	12.30	12.94	15.03	16.10	17.90	27.20	44.26
PMP	13.29	19.63	21.46	22.14	22.77	22.62	23.50	25.30	28.54	31.25	36.36	53.91	90.25
MEAN	1.699	2.293	2.459	2.559	2.656	2.714	2.845	3.120	3.620	4.072	4.941	7.250	13.971
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.478	.599	.632	.736	.665	.655	.600	.735	.610	.650	.458	.579	.191
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	2.590	2.832	2.778	2.860	2.711	2.598	2.709	3.125	2.669	3.413	3.175	3.221	4.036
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1952	1956	1956	1956	1956	1956	1956	1960	1960	1960	1952	1952	1952
RECORD MAXIMUM	2.720	4.330	4.610	4.640	4.990	4.990	5.360	6.180	7.480	8.770	13.520	24.060	
NORMALIZED MAX	1.390	1.683	1.930	1.898	2.041	1.984	2.099	2.272	2.091	2.409	2.205	2.211	2.323
CALC. COEF. VAR	.423	.472	.453	.428	.431	.423	.421	.432	.338	.347	.352	.391	
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.442	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	.1216	.1441	.1760	.1832	.1901	.1943	.2036	.2233	.2591	.2915	.3536	.5190	1.0000
KP10/A	.1957	.2747	.2972	.3080	.3184	.3213	.3354	.3650	.4181	.4651	.5547	.7814	1.4879
RP25/A	.2382	.3401	.3689	.3819	.3943	.3964	.4133	.4464	.5122	.5649	.6634	.9837	1.7435
RP50/A	.2691	.3879	.4213	.4359	.4498	.4513	.4703	.5055	.5809	.6373	.7412	1.1037	1.9253
RP100/A	.2992	.4347	.4725	.4888	.5041	.5051	.5261	.5631	.6482	.7079	.8164	1.2202	2.1002
RP1000/A	.3957	.5856	.6379	.6592	.6792	.6783	.7058	.7478	.8651	.9342	1.0543	1.5909	2.6493
RP10000/A	.4889	.7321	.7984	.8247	.8493	.8467	.8864	.9260	1.0758	1.1526	1.2810	1.9466	3.1683
PMP/A	.9514	1.4049	1.5357	1.5845	1.6301	1.6194	1.6820	1.8108	2.0431	2.2370	2.6027	3.8585	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C60 4863 0	STATION NAME LEBEC	ELEV 3585	SEC 26	TWP 09N	RNG LOT 19W P	HWM 5	LATITUDE 34.633	LONGITUDE 118.845	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.00	2.57	2.83	2.96	3.09	3.21	3.34	3.64	4.00	4.45	5.19	7.09	11.80
5	2.93	3.93	4.37	4.55	4.73	4.85	5.04	5.42	5.90	6.48	7.40	10.17	14.00
10	3.56	4.85	5.41	5.63	5.85	5.97	6.18	6.61	7.19	7.84	8.82	12.17	16.67
20	4.15	5.73	6.40	6.66	6.91	7.03	7.28	7.73	8.43	9.12	10.14	14.08	21.12
25	4.33	6.01	6.71	6.98	7.24	7.37	7.62	8.08	8.81	9.52	10.55	14.67	21.87
40	4.71	6.59	7.36	7.65	7.93	8.06	8.34	8.81	9.62	10.35	10.75	15.49	23.43
50	4.89	6.86	7.67	7.96	8.26	8.39	8.67	9.15	10.00	10.74	11.78	16.46	24.15
100	5.44	7.68	8.60	8.93	9.25	9.34	9.70	10.19	11.15	11.93	12.98	18.20	26.35
200	5.98	8.50	9.52	9.88	10.24	10.37	10.71	11.21	12.25	13.10	14.14	19.90	28.48
1000	7.20	10.35	11.61	12.04	12.47	12.60	13.01	13.53	14.89	15.74	16.76	23.73	33.24
10000	8.69	12.94	14.53	15.07	15.59	15.73	16.23	16.76	18.51	19.42	20.37	29.03	39.75
PMP	17.30	24.83	27.95	28.95	29.92	30.09	31.01	32.77	35.16	37.69	41.38	57.55	81.04
MEAN	2.211	2.900	3.204	3.347	3.490	3.610	3.754	4.041	4.459	4.911	5.622	7.740	12.545
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.989	1.506	2.353	2.058	1.871	1.778	1.842	1.731	1.745	1.698	1.364	1.175	1.602
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	4.018	5.773	10.717	9.301	8.316	7.630	7.947	7.242	6.973	7.117	5.756	3.840	6.099
N	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944
RECORD MAXIMUM	4.000	7.310	10.290	10.290	10.740	10.740	11.260	11.710	12.610	13.580	14.130	14.910	17.360
NORMALIZED MAX	1.424	2.808	3.665	3.611	3.549	3.466	3.564	3.460	3.336	3.383	3.184	2.502	3.280
CALC. COEF. VAR	.444	.542	.604	.574	.585	.570	.561	.568	.488	.522	.475	.453	.360
REGN. COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.455	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	.1763	.2312	.2554	.2668	.2782	.2877	.2993	.3221	.3554	.3915	.4482	.6170	1.0000
RP10/A	.2837	.3670	.4312	.4468	.4659	.4659	.4755	.5055	.5735	.6180	.7119	1.0000	1.4879
RP25/A	.4791	.6352	.6863	.6970	.7178	.7178	.7404	.7840	.8640	.9025	.7587	.8407	1.1696
RP50/A	.3901	.5465	.6112	.6249	.6582	.6582	.6812	.7292	.7968	.8560	.9393	1.3122	1.9253
RP100/A	.6338	.8124	.8856	.9119	.9737	.9737	.9731	.8123	.8891	.9509	1.0347	1.4507	2.1002
RP1000/A	.8737	.8249	.9254	.9600	.9939	.9939	1.0046	1.0373	1.0787	1.1866	1.2548	1.3362	1.9151
RP10000/A	.7688	1.0314	1.1584	1.2010	1.2427	1.2539	1.2939	1.3538	1.4756	1.5482	1.6234	2.3144	3.1683
PMP/A	1.3792	1.9791	2.2281	2.3076	2.3852	2.3983	2.4719	2.6122	2.8024	3.0046	3.2984	4.5874	6.4600

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C60 675A 0	STATION NAME PATTIMAY	ELEV 368A	SEC 19	TWP 10N	ANG LDT 23W E	HMM 5	LATITUDE 34.941	LONGITUDE 119.381	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.38	1.65	1.77	1.87	2.02	2.12	2.23	2.39	2.66	2.95	3.53	4.74	8.88
5	2.02	2.52	2.73	2.87	3.08	3.20	3.36	3.56	3.93	4.30	5.03	6.80	12.05
10	2.45	3.12	3.38	3.54	3.81	3.94	4.12	4.34	4.80	5.19	5.99	8.15	14.05
20	2.86	3.68	4.00	4.19	4.50	4.64	4.85	5.07	5.62	6.04	6.88	9.41	16.90
25	2.98	3.86	4.19	4.39	4.72	4.86	5.08	5.30	5.87	6.31	7.16	9.80	16.47
40	3.26	4.23	4.60	4.82	5.17	5.31	5.56	5.78	6.41	6.88	7.90	10.62	17.64
50	3.37	4.40	4.79	5.02	5.38	5.53	5.78	6.01	6.66	7.12	8.00	11.00	18.19
100	3.75	4.93	5.37	5.62	6.03	6.19	6.47	6.69	7.43	7.90	8.82	12.16	19.84
200	4.15	5.46	5.94	6.22	6.67	6.84	7.14	7.36	8.19	8.68	9.61	13.29	21.44
1000	4.34	6.04	7.25	7.58	8.13	8.31	8.68	8.88	9.92	10.43	11.38	15.85	25.93
10000	6.13	8.31	9.08	9.49	10.16	10.37	10.82	11.00	12.34	12.87	13.43	19.40	29.93
PMP	11.92	15.94	17.45	18.23	19.50	19.84	20.67	21.52	23.43	24.94	28.10	38.45	61.02
MEAN	1.523	1.862	2.001	2.107	2.274	2.380	2.503	2.653	2.977	3.254	3.818	5.172	9.446
CLOCK HR. COR.	1.140	1.470	1.604	1.620	1.810	1.910	1.900	1.900	1.900	1.900	1.900	1.900	1.900
CALCULATED SKEW	1.998	3.163	3.007	2.687	2.389	2.191	2.074	1.951	1.530	1.476	1.118	0.804	0.400
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	10.942	18.829	16.771	14.425	11.449	9.771	9.069	8.332	9.255	7.177	6.084	3.764	3.321
N	6A	58	58	58	58	58	58	58	58	58	58	58	58
RECORD YEAR	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1961
RECORD MAXIMUM	4.150	6.650	7.360	7.430	7.840	7.860	7.860	8.260	9.500	9.680	10.200	11.110	19.000
NORMALIZED MAX	3.910	5.662	5.892	5.024	4.742	4.433	4.403	4.252	4.491	4.134	3.680	2.664	2.812
CALC. COEF. VAR	.441	.508	.526	.503	.516	.517	.485	.497	.489	.478	.456	.431	.360
REGN. COEF. VAR	.465	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
USED COEF. VAR	.465	.504	.515	.510	.505	.489	.484	.474	.459	.445	.424	.429	.364
MEAN/A	1.613	1.972	2.118	2.231	2.408	2.520	2.650	2.809	3.144	3.445	4.042	5.475	1.0000
RP10/A	.2548	.3380	.3576	.3752	.4233	.4347	.4384	.4591	.5077	.5498	.6341	.8674	1.4879
RP25/A	.2825	.4045	.4439	.4695	.5379	.5519	.5579	.5819	.6519	.7019	.8119	1.0739	1.7435
RP50/A	.3569	.4660	.5069	.5309	.5697	.5853	.6120	.6358	.7053	.7533	.8673	1.1644	1.9253
RP100/A	.3769	.5222	.5686	.5953	.6385	.6551	.6825	.7083	.7870	.8368	.9333	1.2873	2.1025
RP1000/A	.5269	.7035	.7675	.8062	.8603	.8794	.9184	.9406	1.0504	1.1043	1.2053	1.6785	2.4493
RP10000/A	.6485	.8795	.9608	1.0004	1.0751	1.0980	1.1456	1.1640	1.3042	1.3625	1.4643	2.0538	3.1683
PMP/A	1.2619	1.6877	1.8479	1.9298	2.0646	2.1002	2.1887	2.2777	2.4809	2.6442	2.9752	4.0709	6.4600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C60 8826 0	STATION NAME TEMACHAPI	ELEV 3975	SEC 21	TWP 32S	ANG LOT 33E C	HMM 14	LATITUDE 35.134	LONGITUDE 118.442	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.45	1.74	1.88	1.98	2.08	2.18	2.31	2.48	2.78	3.03	3.58	4.86	9.55
5	2.13	2.66	2.90	3.05	3.18	3.30	3.47	3.69	4.11	4.41	5.10	6.97	12.95
10	2.58	3.29	3.60	3.77	3.93	4.06	4.24	4.50	5.01	5.33	6.08	8.36	15.11
20	3.01	3.88	4.26	4.46	4.65	4.78	5.02	5.28	5.87	6.20	6.99	9.65	17.09
25	3.14	4.07	4.46	4.67	4.87	5.00	5.26	5.50	6.14	6.48	7.27	10.06	17.70
40	3.42	4.46	4.90	5.12	5.34	5.48	5.75	6.00	6.70	7.04	7.41	10.89	18.96
50	3.55	4.64	5.10	5.33	5.56	5.70	5.98	6.23	6.96	7.31	8.12	11.28	19.55
100	3.95	5.20	5.72	5.98	6.23	6.37	6.69	6.94	7.77	8.12	8.95	12.46	21.33
200	4.34	5.75	6.33	6.62	6.89	7.04	7.39	7.63	8.56	8.91	9.75	13.64	23.05
1000	5.22	7.01	7.72	8.06	8.39	8.56	8.97	9.21	10.37	10.71	11.55	16.27	29.40
10000	6.45	8.76	9.66	10.09	10.49	10.69	11.20	11.41	12.90	13.22	14.04	19.90	37.17
PMP	12.56	16.81	18.59	19.38	20.14	20.44	21.39	22.31	24.49	25.65	28.52	39.45	65.59
MEAN	1.605	1.964	2.130	2.241	2.348	2.452	2.589	2.751	3.106	3.342	3.875	5.306	10.154
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.006	1.079	.852	1.831	1.836	1.691	1.486	1.291	1.102	.965	.807	1.078	.609
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KURTOSIS	3.864	4.708	4.121	9.331	8.367	7.054	6.168	5.414	4.187	3.840	3.394	4.390	2.967
N	53	53	53	53	53	53	53	53	53	53	53	53	53
RECORD YEAR	1971	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1969	1906
RECORD MAXIMUM	3.290	4.800	4.970	7.110	7.110	7.110	7.110	7.110	7.110	7.110	7.740	12.320	16.610
NORMALIZED MAX	2.138	3.044	3.001	4.312	4.068	3.816	3.665	3.486	3.046	2.681	2.607	3.193	2.320
CALC. COEF. VAR	.491	.474	.444	.504	.498	.498	.476	.455	.423	.421	.383	.414	.354
REGN. COEF. VAR	.458	.504	.490	.513	.510	.505	.489	.484	.474	.459	.445	.429	.364
USED COEF. VAR	.458	.504	.490	.513	.510	.505	.489	.484	.474	.459	.445	.429	.364
MEAN/A	1.580	1.934	2.098	2.207	2.313	2.415	2.550	2.709	3.059	3.291	3.816	5.226	1.0000
RP10/A	1.254	1.627	1.757	1.864	1.974	2.084	2.200	2.298	2.638	2.870	3.390	4.820	1.0000
RP25/A	1.306	1.680	1.810	1.917	2.027	2.137	2.247	2.357	2.687	2.919	3.439	4.869	1.0000
RP50/A	1.348	1.722	1.852	1.959	2.069	2.179	2.289	2.399	2.729	2.961	3.481	4.911	1.0000
RP100/A	1.389	1.763	1.893	1.999	2.109	2.219	2.329	2.439	2.769	2.999	3.519	4.949	1.0000
RP1000/A	1.513	1.887	2.017	2.123	2.233	2.343	2.453	2.563	2.893	3.123	3.643	5.073	1.0000
RP10000/A	1.635	1.999	2.129	2.235	2.345	2.455	2.565	2.675	3.005	3.235	3.755	5.185	1.0000
PMP/A	1.2366	1.6553	1.8305	1.9089	2.0332	2.1030	2.1805	2.2569	2.4122	2.5262	2.8087	3.8853	6.1688

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB C70 5338 0	STATION NAME MARICOPA	ELEV 680	SEC 31	TWP 12N	RNG LOT 24W N	BMM 5	LATITUDE 35.080	LONGITUDE 118.343	COUNTY 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.00	1.15	1.22	1.26	1.32	1.37	1.49	1.57	1.79	1.93	2.29	3.02	5.37
5	1.39	1.63	1.76	1.83	1.91	1.99	2.17	2.26	2.62	2.80	3.23	4.32	7.38
10	1.64	1.96	2.12	2.21	2.31	2.41	2.63	2.72	3.18	3.38	3.84	5.16	8.65
20	1.88	2.27	2.46	2.58	2.69	2.81	3.06	3.15	3.72	3.93	4.41	5.95	9.82
25	1.95	2.37	2.57	2.69	2.81	2.94	3.20	3.28	3.89	4.10	4.58	6.20	10.18
40	2.11	2.57	2.80	2.93	3.06	3.20	3.49	3.56	4.24	4.46	4.67	6.71	10.93
50	2.18	2.68	2.90	3.04	3.18	3.32	3.62	3.70	4.41	4.63	5.11	6.95	11.27
100	2.41	2.96	3.23	3.39	3.54	3.70	4.03	4.14	4.91	5.13	5.63	7.68	12.32
200	2.63	3.24	3.55	3.73	3.89	4.07	4.44	4.49	5.41	5.63	6.13	8.39	13.34
1000	3.12	3.90	4.27	4.50	4.70	4.91	5.36	5.38	6.54	6.77	7.25	9.99	16.61
10000	3.61	4.81	5.29	5.57	5.82	6.09	6.65	6.63	8.13	8.34	8.79	12.22	18.72
PHP	7.24	9.02	9.96	10.52	11.00	11.50	12.54	12.80	15.40	16.16	17.80	24.16	36.45
MEAN	1.090	1.266	1.351	1.400	1.458	1.522	1.652	1.728	1.987	2.131	2.473	3.296	5.725
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.242	1.855	2.046	2.114	2.556	3.032	2.926	2.740	3.195	2.977	3.146	2.984	2.241
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.300	1.400	1.300	1.100	1.200	1.000
KUNTSIS	5.067	7.268	7.732	8.149	11.197	14.923	14.603	13.620	17.645	16.207	18.019	16.491	10.807
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1962	1962	1962	1962	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	2.440	3.710	4.010	4.310	5.480	6.570	7.050	7.050	9.180	9.450	10.710	14.110	18.930
NORMALIZED MAX	2.420	3.521	3.394	3.636	4.480	5.087	5.176	5.083	5.508	5.305	5.575	5.442	4.786
CALC. COEF. VAR	.445	.548	.580	.571	.615	.652	.631	.606	.657	.617	.597	.603	.486
REGN. COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
USED COEF. VAR	.376	.408	.425	.434	.436	.437	.441	.427	.450	.439	.413	.422	.381
MEAN/A	1.1905	.2212	.2359	.2446	.2547	.2659	.2885	.3018	.3470	.3722	.4320	.5757	1.0000
RP10/A	1.2863	.3418	.3665	.3865	.4032	.4212	.4586	.4744	.5558	.5910	.6713	.9014	1.0000
RP25/A	1.3414	.4132	.4492	.4705	.4910	.5131	.5592	.5735	.6793	.7167	.8006	1.0829	1.7783
RP50/A	1.3917	.4653	.5071	.5311	.5552	.5803	.6327	.6454	.7696	.8080	.8932	1.2138	1.9685
RP100/A	1.4204	.5164	.5638	.5919	.6180	.6460	.7047	.7156	.8579	.8949	.9827	1.3409	2.1516
RP1000/A	1.5453	.6810	.7467	.7855	.8206	.8579	.9367	.9404	1.1427	1.1820	1.2659	1.7456	2.7264
RP10000/A	1.6659	.8408	.9243	.9736	1.10173	1.10638	1.1621	1.1575	1.1494	1.4572	1.5355	2.1337	3.2696
PHP/A	1.2666	1.5748	1.7396	1.8370	1.9206	2.0089	2.1969	2.2348	2.6896	2.9233	3.1084	4.2202	6.7150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BMM	LATITUDE	LONGITUDE	COUNTY C/D				
000 674 0	HEN LADON	594	19	10S	12W	M	37.050	122.100	44				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.16	7.41	8.44	9.22	10.31	10.99	12.23	13.34	15.20	17.45	21.21	29.28	64.79
5	8.15	11.69	12.09	13.10	14.64	15.53	17.14	18.64	21.08	24.06	29.12	40.38	64.24
10	10.29	12.91	14.55	15.75	17.43	18.44	20.31	21.91	24.67	29.03	33.86	47.15	73.67
20	11.42	15.03	16.87	18.17	20.02	21.04	23.10	24.84	27.92	31.97	36.10	53.27	82.18
25	12.30	15.70	17.00	18.32	20.04	21.05	24.04	25.81	28.91	32.65	34.39	55.15	84.79
40	13.29	17.04	14.11	21.49	21.22	21.63	25.92	27.40	30.94	34.65	42.02	58.97	90.12
50	13.75	17.74	19.02	21.21	21.26	21.31	26.77	28.56	31.88	35.87	43.23	66.74	92.58
100	15.16	19.74	21.48	23.44	22.61	26.67	24.35	31.14	34.71	38.91	46.47	66.07	100.00
200	16.54	21.77	24.10	25.61	27.90	28.97	31.85	33.74	37.42	41.83	50.36	71.20	107.14
1000	19.65	26.17	28.40	31.56	33.04	34.16	37.46	39.40	43.44	48.23	58.02	122.93	155.93
10000	21.95	32.41	35.59	37.11	40.12	41.15	45.12	47.09	51.55	56.80	68.27	97.84	144.22
PHP	47.07	61.89	68.74	73.81	81.41	85.61	93.71	100.26	112.84	127.80	153.14	213.45	304.14

MEAN	6.682	8.200	9.432	11.050	11.152	11.866	13.187	14.231	16.051	18.297	22.216	30.890	51.027
CLOCK HR. COR.	1.143	1.741	1.020	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.747	1.214	1.126	1.067	1.011	1.930	.820	.651	.808	.541	.436	.331	.055
REGIONAL SKEW	1.200	1.400	1.360	1.230	1.100	1.000	1.000	.900	.900	.700	.700	.800	.800
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800

KUNTSIS	3.444	4.265	4.625	5.251	3.321	3.262	3.003	2.657	2.515	2.329	2.365	2.652	3.168
RECORD YEAR	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD MAXIMUM	11.156	16.620	19.170	14.520	22.230	23.080	26.340	27.230	30.340	32.220	36.610	52.850	66.010
NORMALIZED MAX	1.638	2.263	2.443	2.127	2.680	2.303	2.486	2.297	2.174	2.000	1.803	1.922	2.006
CALC. COEF. VAR	.408	.454	.461	.415	.415	.415	.415	.415	.415	.415	.415	.415	.415
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394	.394	.332

MEAN/A	1.1709	1.1607	1.1809	1.1969	1.2185	1.2313	1.2569	1.2789	1.3146	1.3566	1.4354	1.6054	1.0000
RP10/A	1.2017	1.2531	1.2851	1.3086	1.3416	1.3605	1.3980	1.4294	1.4836	1.5493	1.6335	1.9241	1.4437
RP25/A	1.2411	1.3177	1.3449	1.3739	1.3882	1.4282	1.4720	1.5056	1.5666	1.6399	1.7719	1.0807	1.6017
RP50/A	1.2635	1.3477	1.3841	1.4157	1.4268	1.4764	1.5246	1.5487	1.6247	1.7093	1.8423	1.1904	1.8184
RP100/A	1.2771	1.3688	1.4037	1.4593	1.5019	1.5227	1.5752	1.6113	1.6901	1.7626	1.9186	1.2949	1.9598
RP1000/A	1.3460	1.5129	1.5665	1.6001	1.6475	1.6682	1.7340	1.7721	1.8513	1.9452	1.1370	1.6177	2.6091
RP10000/A	1.4693	1.6352	1.6975	1.7112	1.7663	1.8057	1.8842	1.9228	1.0102	1.1131	1.3374	1.9175	2.8204
PHP/A	1.9225	1.1972	1.3679	1.4440	1.5954	1.6777	1.8365	1.9644	2.2114	2.5046	3.0022	4.1930	5.9400

PEAFSON TYPE III DISTRIBUTION USED
PROGRAMME MAXIMUM PRECIPITATION ESTIMATE BASED ON 51 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DURATION-FREQUENCY TABLE

STATION NO. ASN OPER SUB 000 1005 0	STATION NAME DAVEPORT CREEK	ELIV 2175	SFC 1a	TAP 055	WNG LOT 034 0	H H	LATITUDE 37.107	LONGITUDE 122.145	COUNTY CODE 44	
MAXIMUM PRECIPITATION FOR INDICATED DURATION (DAYS) H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	6.42	6.23	6.16	6.11	6.06	6.01	5.96	5.91	5.86	5.81
5	6.72	6.47	6.35	6.25	6.18	6.12	6.06	6.01	5.96	5.91
10	7.03	6.73	6.57	6.44	6.34	6.26	6.18	6.11	6.04	5.97
20	7.34	6.99	6.78	6.62	6.50	6.40	6.31	6.22	6.14	6.06
30	7.54	7.14	6.89	6.69	6.55	6.43	6.33	6.24	6.15	6.07
40	7.69	7.25	6.97	6.74	6.59	6.46	6.35	6.25	6.16	6.08
50	7.80	7.34	7.03	6.78	6.62	6.48	6.36	6.26	6.17	6.09
60	7.89	7.41	7.08	6.81	6.64	6.50	6.38	6.28	6.19	6.11
80	8.00	7.50	7.15	6.86	6.68	6.53	6.41	6.31	6.22	6.14
100	8.09	7.57	7.21	6.91	6.72	6.57	6.45	6.35	6.26	6.18
150	8.20	7.67	7.30	6.99	6.79	6.63	6.51	6.41	6.32	6.24
200	8.28	7.74	7.36	7.04	6.83	6.67	6.55	6.45	6.36	6.28
300	8.36	7.80	7.41	7.09	6.87	6.71	6.59	6.49	6.40	6.32
400	8.42	7.85	7.45	7.12	6.90	6.73	6.61	6.51	6.42	6.34
500	8.47	7.89	7.48	7.15	6.92	6.75	6.63	6.53	6.44	6.36
600	8.51	7.92	7.51	7.18	6.95	6.78	6.66	6.56	6.47	6.39
800	8.57	7.96	7.54	7.21	6.98	6.81	6.69	6.59	6.50	6.42
1000	8.61	8.00	7.58	7.24	7.01	6.84	6.72	6.62	6.53	6.45
MEAN	6.465	6.272	6.202	6.144	6.086	6.028	5.970	5.912	5.854	5.796
CLOCK HR. CLK.	1.616	1.71	1.800	1.885	1.960	2.025	2.090	2.155	2.220	2.285
CALCULATED SKEW	1.403	1.240	1.174	1.109	1.043	0.978	0.913	0.848	0.783	0.718
REGIONAL SKEW	1.403	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600
KURTOSIS	6.660	6.461	6.362	6.263	6.164	6.065	5.966	5.867	5.768	5.669
RECORD YEAR	1949	1949	1950	1951	1952	1953	1954	1955	1956	1957
RECORD MAXIMUM	12.47	12.77	13.00	13.25	13.50	13.75	14.00	14.25	14.50	14.75
NORMALIZED SKEW	1.16	1.02	0.90	0.78	0.66	0.54	0.42	0.30	0.18	0.06
CALC. COEF. VAR	0.43	0.41	0.40	0.39	0.38	0.37	0.36	0.35	0.34	0.33
REGION. COEF. VAR	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
USED COEF. VAR	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
MEAN/A	1.122	1.167	1.194	1.218	1.239	1.258	1.275	1.291	1.306	1.320
MP10/A	1.127	1.171	1.197	1.221	1.242	1.261	1.278	1.294	1.309	1.323
MP20/A	1.131	1.174	1.200	1.224	1.245	1.264	1.281	1.297	1.312	1.326
MP30/A	1.134	1.177	1.202	1.226	1.247	1.266	1.283	1.299	1.314	1.328
MP40/A	1.137	1.180	1.205	1.229	1.250	1.269	1.286	1.302	1.317	1.331
MP50/A	1.140	1.183	1.208	1.232	1.253	1.272	1.289	1.305	1.320	1.334
MP60/A	1.142	1.185	1.210	1.234	1.255	1.274	1.291	1.307	1.322	1.336
MP80/A	1.145	1.188	1.213	1.237	1.258	1.277	1.294	1.310	1.325	1.339
MP100/A	1.147	1.190	1.215	1.239	1.260	1.279	1.296	1.312	1.327	1.341
MP150/A	1.149	1.192	1.217	1.241	1.262	1.281	1.298	1.314	1.329	1.343
MP200/A	1.151	1.194	1.219	1.243	1.264	1.283	1.300	1.316	1.331	1.345

PRECIPITATION DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB 000 2249 0	STATION NAME DAVEPORT	ELIV 2173	SFC 32	TAP 105	WNG LOT 034 0	HMM H	LATITUDE 37.017	LONGITUDE 122.000	COUNTY CODE 44	
MAXIMUM PRECIPITATION FOR INDICATED DURATION (DAYS) H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.91	3.44	3.99	4.34	4.74	5.24	5.66	6.14	7.22	8.35
5	3.10	3.62	4.17	4.50	4.88	5.36	5.84	6.35	7.42	8.55
10	3.27	3.77	4.30	4.62	4.99	5.46	5.93	6.44	7.50	8.63
20	3.40	3.89	4.40	4.71	5.07	5.53	6.00	6.51	7.57	8.70
30	3.50	3.98	4.48	4.79	5.14	5.60	6.06	6.57	7.63	8.76
40	3.58	4.06	4.56	4.87	5.21	5.67	6.13	6.64	7.70	8.83
50	3.65	4.13	4.63	4.94	5.28	5.74	6.20	6.71	7.77	8.90
60	3.71	4.19	4.69	5.00	5.34	5.80	6.26	6.77	7.83	8.96
80	3.78	4.26	4.76	5.07	5.41	5.87	6.33	6.84	7.90	9.03
100	3.83	4.31	4.81	5.12	5.46	5.92	6.38	6.89	7.95	9.08
150	3.90	4.38	4.88	5.19	5.53	5.99	6.45	6.96	8.02	9.15
200	3.94	4.42	4.92	5.23	5.57	6.03	6.49	7.00	8.06	9.19
300	3.98	4.46	4.96	5.27	5.61	6.07	6.53	7.04	8.10	9.23
400	4.01	4.49	4.99	5.30	5.64	6.10	6.56	7.07	8.13	9.27
500	4.04	4.52	5.02	5.33	5.67	6.13	6.59	7.10	8.16	9.30
600	4.06	4.54	5.04	5.35	5.69	6.15	6.61	7.12	8.18	9.32
800	4.09	4.57	5.07	5.38	5.72	6.18	6.64	7.15	8.21	9.35
1000	4.11	4.59	5.09	5.40	5.74	6.20	6.66	7.17	8.23	9.37
MEAN	3.163	3.854	4.374	4.729	5.179	5.621	6.071	6.531	7.623	8.442
CLOCK HR. CLK.	1.616	1.770	1.840	1.920	1.990	2.060	2.130	2.200	2.270	2.340
CALCULATED SKEW	1.656	1.576	1.518	1.475	1.433	1.391	1.350	1.309	1.268	1.227
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600
KURTOSIS	6.119	6.799	6.143	6.307	6.461	6.615	6.769	6.923	7.077	7.231
RECORD YEAR	1949	1949	1950	1951	1952	1953	1954	1955	1956	1957
RECORD MAXIMUM	7.40	7.40	10.31	11.30	12.40	13.50	14.60	15.70	16.80	17.90
NORMALIZED SKEW	2.494	2.344	2.261	2.178	2.095	2.012	1.929	1.846	1.763	1.680
CALC. COEF. VAR	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
REGION. COEF. VAR	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
USED COEF. VAR	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
MEAN/A	1.123	1.168	1.195	1.219	1.240	1.259	1.276	1.292	1.307	1.321
MP10/A	1.127	1.171	1.197	1.221	1.242	1.261	1.278	1.294	1.309	1.323
MP20/A	1.131	1.174	1.200	1.224	1.245	1.264	1.281	1.297	1.312	1.326
MP30/A	1.134	1.177	1.202	1.226	1.247	1.266	1.283	1.299	1.314	1.328
MP40/A	1.137	1.180	1.205	1.229	1.250	1.269	1.286	1.302	1.317	1.331
MP50/A	1.140	1.183	1.208	1.232	1.253	1.272	1.289	1.305	1.320	1.334
MP60/A	1.142	1.185	1.210	1.234	1.255	1.274	1.291	1.307	1.322	1.336
MP80/A	1.145	1.188	1.213	1.237	1.258	1.277	1.294	1.310	1.325	1.339
MP100/A	1.147	1.190	1.215	1.239	1.260	1.279	1.296	1.312	1.327	1.341
MP150/A	1.149	1.192	1.217	1.241	1.262	1.281	1.298	1.314	1.329	1.343
MP200/A	1.151	1.194	1.219	1.243	1.264	1.283	1.300	1.316	1.331	1.345

PEAKSTOW TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE														
STATION NO. HSD OWNER SUB D10 1766 9	STATION NAME CIELEGA	ELEV 439	SEC 910	TWP 14	RNG 145	LOT 06F H	MM M	LATITUDE 36.715	LONGITUDE 121.360	COUNTY CODE 45				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	2.37	2.44	3.21	3.34	3.45	3.92	4.45	4.88	5.54	6.19	7.15	10.00	17.10	
5	3.33	4.11	4.40	4.33	5.18	5.56	6.25	6.8	7.75	8.53	9.81	13.79	22.51	
10	4.45	4.77	5.54	5.80	6.16	6.54	7.34	7.74	9.07	9.54	11.41	16.10	25.81	
20	4.85	5.77	6.47	6.60	7.08	7.51	8.44	9.07	10.27	10.27	12.84	18.19	28.80	
25	4.76	6.03	6.70	6.97	7.35	7.86	8.76	9.41	10.63	11.59	13.28	18.83	29.71	
40	5.12	6.56	7.27	7.34	7.85	8.35	9.25	10.00	11.33	12.36	14.16	20.14	31.58	
50	6.30	6.81	7.54	7.81	8.22	8.87	9.74	10.41	11.72	12.72	14.57	20.74	32.44	
100	8.44	7.58	8.37	8.63	9.03	9.52	11.08	11.37	12.76	13.80	15.80	22.56	35.04	
200	9.37	8.33	9.17	9.43	9.86	10.35	11.59	12.30	13.76	14.77	16.97	24.32	37.55	
1000	7.54	11.05	11.00	11.23	11.60	12.16	13.63	14.36	15.67	17.10	19.55	28.19	43.08	
10000	9.22	12.44	13.55	14.13	14.14	14.67	16.42	17.17	18.95	20.14	23.01	33.41	50.54	
PMF	18.12	23.40	26.18	27.17	28.78	30.54	34.11	36.55	41.44	45.32	51.63	72.89	106.93	

MEAN	2.572	3.144	3.514	3.710	3.743	4.210	4.770	5.187	5.902	6.488	7.448	10.549	17.881	
CLOCK HR. COM.	1.146	1.170	1.184	1.020	1.013	1.010	1.000	1.001	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.046	1.113	1.135	1.119	1.116	1.073	1.004	1.005	1.175	1.444	1.254	1.633	1.337	
REGIONAL SKEW	1.400	1.400	1.400	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	
KURTOSIS	3.645	5.684	5.344	4.664	4.445	3.605	2.741	2.404	2.362	2.710	2.492	3.266	2.457	
H	20	20	20	20	20	20	20	20	20	20	20	20	20	
RECORD YEAR	1964	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	
RECORD MAXIMUM	4.190	7.620	8.600	8.600	8.340	8.800	8.800	9.000	10.620	11.940	13.400	20.320	29.680	
NORMALIZED MAX	1.403	2.564	2.884	2.884	2.811	2.950	2.950	2.950	3.422	3.945	4.475	6.666	10.000	
CALC. COEF. VAR	.535	.549	.542	.440	.472	.458	.434	.423	.433	.413	.411	.424	.329	
REGION. COEF. VAR	.403	.430	.430	.423	.424	.417	.410	.403	.402	.399	.393	.394	.332	
USED COEF. VAR	.403	.430	.430	.423	.424	.417	.410	.403	.402	.399	.393	.394	.332	
MEAN/A	1.143	1.161	1.165	1.009	1.025	1.254	1.268	1.292	1.301	1.368	1.480	1.590	1.0000	
HP10/A	.2216	.2773	.3197	.3282	.3447	.3670	.4134	.4465	.5074	.5568	.6391	.9006	1.4437	
HP25/A	.2649	.3372	.3747	.3832	.4111	.4395	.4962	.5262	.5945	.6475	.7424	1.0532	1.6617	
HP50/A	.2961	.3809	.4219	.4367	.4594	.4850	.5464	.5823	.6550	.7112	.8147	1.1601	1.8811	
HP100/A	.3265	.4238	.4679	.4825	.5064	.5322	.5974	.6306	.7137	.7716	.8835	1.2619	1.9598	
RP1000/A	.4265	.5611	.6153	.6283	.6534	.6803	.7623	.8033	.9444	.9936	1.1565	1.5765	2.4091	
RP10000/A	.5156	.6948	.7576	.7691	.7933	.8202	.9153	.9601	1.0000	1.1243	1.2967	1.8687	2.8264	
PMF/A	1.0145	1.3118	1.4642	1.5197	1.6034	1.7080	1.9074	2.0442	2.3204	2.5343	2.8874	4.0766	5.9800	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE														
STATION NO. HSD OWNER SUB D10 3245 0	STATION NAME FRENCH RANCH	ELEV 427	SEC 107E	TWP 30	RNG 115	LOT 07E J M	MM M	LATITUDE 36.948	LONGITUDE 121.233	COUNTY CODE 35				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	2.41	3.01	3.34	3.61	3.85	4.12	4.58	5.10	5.80	6.44	7.62	11.25	19.84	
5	3.39	4.35	4.87	5.16	5.40	5.82	6.43	7.11	8.05	8.94	10.46	15.52	26.12	
10	4.63	5.25	5.86	6.17	6.50	6.89	7.61	8.35	9.42	10.41	12.17	18.12	29.95	
20	4.63	6.12	6.80	7.11	7.47	7.88	8.80	9.49	10.66	11.72	13.69	20.47	33.42	
25	4.69	6.34	7.09	7.41	7.77	8.19	9.02	9.85	11.04	12.15	14.15	21.19	36.46	
40	5.21	6.95	7.70	8.02	8.42	8.82	9.71	10.55	11.81	12.94	15.10	22.66	36.64	
50	5.39	7.22	7.98	8.31	8.68	9.11	10.03	10.89	12.17	13.32	15.54	23.34	37.64	
100	5.44	8.63	9.85	10.16	10.56	10.99	11.89	12.85	14.25	15.45	16.84	25.39	40.66	
200	6.48	8.63	9.71	10.03	10.41	10.85	11.93	12.86	14.32	15.53	18.10	27.36	43.56	
1000	7.70	10.65	11.64	11.95	12.33	12.77	14.03	15.02	16.58	17.91	20.85	31.72	40.98	
10000	9.39	13.19	14.34	14.61	14.97	15.40	16.40	17.95	19.68	21.09	24.53	37.60	58.64	
PMF	18.44	24.86	27.70	28.91	30.38	32.07	35.10	38.23	43.07	47.49	55.05	82.03	124.07	
MEAN	2.617	3.336	3.719	3.935	4.161	4.421	4.909	5.426	6.127	6.794	7.984	11.871	20.747	
CLOCK HR. COM.	1.140	1.170	1.184	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.507	1.043	1.060	1.030	1.030	1.030	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
KURTOSIS	5.445	7.639	8.180	7.542	7.294	6.430	4.908	5.134	4.837	4.096	3.700	4.326	2.955	
H	36	36	36	36	36	36	36	36	36	36	36	36	36	
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	
RECORD MAXIMUM	8.650	10.100	11.250	10.750	10.900	11.200	12.35	13.380	14.410	15.710	23.790	36.360	56.510	
NORMALIZED MAX	2.428	3.243	3.504	3.623	3.473	3.370	3.046	3.241	3.200	3.018	2.830	2.996	2.710	
CALC. COEF. VAR	.454	.491	.490	.469	.456	.435	.415	.394	.366	.371	.342	.335	.287	
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332	
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332	
MEAN/A	1.261	1.608	1.792	1.897	2.006	2.131	2.336	2.615	2.953	3.275	3.848	5.722	1.0000	
HP10/A	1.143	.2532	.2824	.2972	.3135	.3322	.3667	.4027	.4540	.5016	.5864	.8735	1.4437	
HP25/A	.2323	.3179	.3417	.3572	.3746	.3946	.4344	.4743	.5320	.5844	.6823	1.0215	1.6617	
HP50/A	.2507	.3479	.3847	.4004	.4183	.4390	.4832	.5249	.5866	.6419	.7488	1.1252	1.8144	
HP100/A	.2863	.3926	.4267	.4408	.4568	.4757	.5208	.5633	.6386	.6964	.8119	1.2239	1.9598	
RP1000/A	.3709	.5131	.5612	.5760	.5943	.6157	.6762	.7241	.7992	.8632	1.0049	1.5290	2.4091	
RP10000/A	.4522	.6356	.6910	.7042	.7216	.7424	.8145	.8654	.9484	1.0166	1.1825	1.8124	2.8264	
PMF/A	1.1980	1.3353	1.3933	1.4641	1.5460	1.6418	1.8426	2.0874	2.3682	2.6874	3.2534	3.9538	5.9800	

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SFC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
010 3417 0	GILROY	173	144	7A	115	04E	M	37.000	121.547	43

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=0-DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.67	3.19	3.63	3.95	4.31	4.66	5.05	5.43	6.21	6.83	8.07
5	3.48	4.60	5.22	5.65	6.13	6.56	7.09	7.56	8.61	9.42	11.08
10	4.13	5.56	6.28	6.75	7.29	7.77	8.34	8.88	10.08	10.98	12.88
20	4.75	6.47	7.24	7.79	8.34	8.84	9.57	10.04	11.40	12.37	14.50
25	4.94	6.76	7.50	8.12	8.69	9.14	9.84	10.47	11.81	12.79	14.99
40	5.34	7.35	8.25	8.74	9.28	9.74	10.70	11.23	12.63	13.65	15.99
50	5.53	7.63	8.56	9.10	9.73	10.27	11.05	11.58	13.02	14.05	16.45
100	6.14	8.49	9.49	10.15	10.71	11.26	12.11	12.65	14.17	15.22	17.83
200	6.74	9.34	10.41	10.98	11.47	12.03	13.15	13.68	15.28	16.38	19.16
300	7.89	11.26	12.48	13.04	13.62	14.40	15.46	15.98	17.74	18.89	22.08
1000	9.62	13.95	15.37	16.00	16.74	17.36	18.62	19.10	21.05	22.24	25.98
PHF	18.91	26.24	29.70	31.66	34.06	36.16	38.68	40.66	46.08	50.05	58.24

MEAN	2.684	3.529	3.967	4.310	4.666	4.983	5.410	5.771	6.554	7.166	8.454
CLOCK HR. COR.	1.140	1.371	1.380	1.402	1.410	1.410	1.400	1.400	1.500	1.600	1.800
CALCULATED SKEW	1.743	1.945	1.950	1.948	1.954	1.971	1.971	1.971	2.024	2.084	2.300
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000

KUNTOSIS	7.429	5.929	5.994	4.879	4.725	4.505	4.397	3.843	3.409	3.181	4.043
N	99	99	99	99	99	99	99	99	99	99	98
RECORD YEAR	1986	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	7.110	9.440	11.000	11.250	12.440	13.440	14.020	14.440	16.000	20.150	23.990
NORMALIZED MAX	3.605	3.708	3.899	3.594	3.801	3.806	3.673	3.504	3.396	3.337	3.480
CALC. COEF. VAR	.459	.467	.455	.448	.450	.456	.445	.421	.408	.398	.394
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394

MEAN/A	.1312	.1725	.1949	.2107	.2281	.2436	.2644	.2821	.3204	.3503	.4132
RP10/A	.2021	.2716	.3071	.3301	.3565	.3798	.4098	.4343	.4925	.5365	.6297
RP25/A	.2416	.3303	.3716	.3967	.4254	.4511	.4859	.5116	.5771	.6251	.7326
RP50/A	.2701	.3731	.4184	.4447	.4757	.5018	.5400	.5661	.6303	.6886	.8041
RP100/A	.2977	.4151	.4644	.4913	.5237	.5506	.5921	.6189	.6927	.7449	.8718
RP1000/A	.3858	.5504	.6102	.6398	.6757	.7039	.7587	.7809	.8833	1.0701	1.5075
PHF/A	.4703	.6817	.7544	.7821	.8205	.8487	.9103	.9334	1.0289	1.0873	1.2697
PHF/A	.9244	1.2850	1.4520	1.5474	1.6649	1.7673	1.8907	1.9874	2.2523	2.4466	2.8492

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SFC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
010 3925 0	HERNANDEZ 2 NW	2160	29	175	10E	M		36.417	120.917	35

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=0-DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.93	2.44	2.63	2.83	3.06	3.31	3.68	4.01	4.70	5.39	6.30
5	2.72	3.52	3.79	4.05	4.35	4.68	5.17	5.58	6.51	7.44	8.65
10	3.23	4.26	4.56	4.84	5.18	5.54	6.11	6.56	7.62	8.66	10.06
20	3.71	4.96	5.29	5.68	5.95	6.34	6.98	7.46	8.63	9.76	11.32
25	3.86	5.18	5.52	5.86	6.14	6.59	7.24	7.73	8.93	10.09	11.71
40	4.17	5.64	6.00	6.30	6.30	7.09	7.80	8.29	9.56	10.77	12.49
50	4.32	5.85	6.22	6.52	6.91	7.33	8.05	8.55	9.85	11.08	12.85
100	4.76	6.51	6.90	7.20	7.61	8.04	8.83	9.34	10.72	12.02	13.93
200	5.19	7.16	7.56	7.87	8.29	8.73	9.58	10.11	11.56	12.92	14.97
300	6.17	6.63	9.07	9.38	9.81	10.26	11.27	11.80	13.42	14.90	17.24
1000	7.52	10.69	11.17	11.47	11.92	12.39	13.57	14.11	15.92	17.55	20.29
PHF	14.78	20.15	21.58	22.69	24.18	25.80	28.19	30.03	34.87	39.49	45.52

MEAN	2.099	2.705	2.896	3.089	3.312	3.557	3.943	4.263	4.960	5.654	6.603
CLOCK HR. COR.	1.140	1.371	1.380	1.402	1.410	1.410	1.400	1.400	1.500	1.600	1.800
CALCULATED SKEW	1.120	2.073	1.916	1.403	1.333	1.079	1.033	1.020	1.111	1.085	1.122
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000

KUNTOSIS	4.630	9.240	7.412	5.720	5.228	4.111	3.624	3.586	2.791	2.778	2.928
N	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	3.640	6.270	6.690	6.940	7.360	7.530	7.920	8.300	9.100	10.170	12.430
NORMALIZED MAX	2.129	3.124	3.067	2.938	2.907	2.686	2.410	2.331	2.002	2.005	2.219
CALC. COEF. VAR	.345	.422	.427	.424	.420	.416	.417	.417	.403	.398	.394
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394

MEAN/A	.1325	.1708	.1829	.1951	.2092	.2246	.2490	.2692	.3132	.3571	.4170
RP10/A	.2041	.2690	.2882	.3057	.3270	.3502	.3858	.4145	.4815	.5470	.6354
RP25/A	.2440	.3271	.3487	.3673	.3906	.4159	.4575	.4882	.5642	.6373	.7393
RP50/A	.2728	.3636	.3726	.3836	.4062	.4327	.4821	.5023	.6221	.6938	.8176
RP100/A	.3008	.4111	.4355	.4550	.4803	.5077	.5576	.5901	.6772	.7504	.8797
RP1000/A	.3897	.5451	.5727	.5924	.6197	.6490	.7116	.7453	.8477	.9412	1.0889
PHF/A	.4750	.6752	.7051	.7242	.7525	.7826	.8571	.8908	1.0059	1.1045	1.2813
PHF/A	.9337	1.2726	1.3627	1.4328	1.5269	1.6296	1.7803	1.8908	2.2020	2.4942	2.8752

PEARSON TYPE III DISTRIBUTION USED

PROBABLY MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	T&P	HNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE				
010 5473 0	MOUNT MADONNA	1800	35	105	N2E	M	37.017	121.717	44				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	200	300	600	3650	
2	4.50	5.57	6.33	6.93	7.52	8.07	9.02	9.83	10.90	12.37	14.52	20.07	34.43
5	6.32	8.04	9.11	9.75	10.68	11.40	12.67	13.70	15.12	17.06	19.94	27.68	45.33
10	7.52	9.72	10.96	11.67	12.72	13.51	14.99	16.10	17.70	19.97	23.18	32.32	51.99
20	8.44	11.31	12.71	13.49	14.61	15.45	17.11	18.29	20.02	22.38	26.09	36.51	58.00
25	8.99	11.82	13.26	14.02	15.20	16.05	17.77	18.96	20.73	23.15	26.97	37.80	59.84
40	9.71	12.86	14.40	15.18	16.48	17.28	19.12	20.34	22.19	24.71	28.77	40.42	63.60
50	10.05	13.35	14.93	15.72	16.97	17.85	19.75	20.98	22.86	25.43	29.60	41.63	65.34
100	11.10	14.85	16.56	17.37	18.66	19.50	21.65	22.92	24.89	27.58	32.10	45.29	70.57
200	12.28	16.33	18.16	18.94	20.30	21.28	23.50	24.79	26.84	29.63	34.48	48.80	75.61
1000	14.35	19.49	21.78	22.61	24.11	25.44	27.63	28.95	31.15	34.19	39.73	56.58	86.76
10000	17.44	24.39	26.82	27.66	29.27	30.19	33.28	34.60	36.97	40.27	46.75	67.06	101.78
PMF	18.38	25.97	28.52	29.34	30.96	31.88	34.98	36.13	38.62	40.90	46.30	64.90	101.34
MEAN	4.481	6.171	6.956	7.444	8.137	8.667	9.669	10.456	11.511	12.971	15.214	21.172	36.011
CLOCK HR. CUR.	1.140	1.470	1.640	1.620	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.377	1.338	1.266	1.197	1.114	1.049	1.380	1.286	1.154	1.011	1.135	.621	.250
REGIONAL SKEW	1.200	1.400	1.300	1.250	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
SKEW USED	1.200	1.400	1.300	1.250	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
KURTOSIS	4.349	4.118	5.492	5.893	6.254	6.927	5.057	4.741	3.301	3.796	4.389	3.058	1.943
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1951	1951	1951	1951	1951	1951	1951	1951	1951	1951	1951	1951	1951
RECORD MAXIMUM	10.470	13.750	19.720	21.100	24.120	24.400	24.530	24.770	24.770	29.440	34.560	38.970	54.630
NORMALIZED MAX	2.148	1.987	2.814	2.911	2.984	2.882	2.788	2.684	2.264	2.502	2.704	2.135	1.626
CALC. COEF. VAR	.471	.618	.652	.632	.658	.630	.559	.511	.509	.507	.470	.394	.318
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1355	.1714	.1932	.2068	.2260	.2407	.2605	.2904	.3197	.3602	.4225	.5879	1.0000
HP10/A	.2088	.2699	.3044	.3240	.3532	.3752	.4160	.4470	.4914	.5518	.6438	.8975	1.4437
HP25/A	.2496	.3282	.3683	.3894	.4220	.4457	.4934	.5266	.5758	.6428	.7490	1.0496	1.6617
HP50/A	.2790	.3707	.4147	.4305	.4713	.4948	.5483	.5827	.6349	.7051	.8221	1.1562	1.8135
RP100/A	.3076	.4122	.4599	.4782	.5160	.5402	.6012	.6366	.6912	.7660	.8913	1.2576	1.8998
RP1000/A	.3185	.4368	.4848	.5029	.5405	.5654	.6263	.6618	.7165	.7915	1.0333	1.5711	2.4091
RP10000/A	.4454	.6074	.6647	.6776	.7129	.7385	.8242	.8607	1.0265	1.1182	1.2982	1.8623	2.8264
PMF/A	.4948	1.2767	1.4391	1.5187	1.6495	1.7460	1.9197	2.0456	2.2472	2.5160	2.9131	4.0627	5.9600

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	T&P	HNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE				
010 5473 11	MT MADONNA COUNTY PARK	1800	01	115	N2E	H	37.012	121.703	43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.25	4.11	4.64	5.02	5.44	5.85	6.47	7.11	8.06	9.70	10.90	14.95	25.40
5	4.57	6.05	6.68	7.16	7.72	8.26	9.09	9.93	11.17	12.11	13.43	20.61	33.44
10	5.43	7.31	8.04	8.57	9.19	9.78	10.75	11.64	13.08	14.10	16.09	24.07	38.35
20	6.24	8.51	9.33	9.89	10.54	11.18	12.27	13.22	14.80	15.88	18.10	27.19	42.78
25	6.44	8.68	9.73	10.30	10.98	11.62	12.75	13.71	15.32	16.43	18.72	28.15	44.14
40	7.02	9.67	10.57	11.13	11.81	12.51	13.72	14.71	16.40	17.43	19.97	30.10	48.91
50	7.26	10.04	10.96	11.54	12.27	12.93	14.17	15.17	16.90	18.04	20.54	31.01	48.19
100	8.00	11.16	12.15	12.75	13.51	14.18	15.53	16.40	18.47	19.57	22.27	33.73	52.06
200	8.73	12.27	13.32	13.94	14.71	15.40	16.86	17.49	19.84	21.04	23.93	36.35	55.77
1000	10.37	14.80	15.98	16.60	17.43	18.13	19.82	20.93	23.02	24.26	27.57	42.13	63.99
10000	12.64	18.34	19.68	20.30	21.16	21.86	23.98	25.01	27.32	28.57	32.44	48.94	75.07
PMF	14.45	24.56	26.02	26.16	27.44	28.44	30.60	31.25	33.25	34.81	38.29	55.95	86.00
MEAN	3.527	4.633	5.104	5.468	5.842	6.274	6.937	7.560	8.508	9.265	10.555	15.767	26.562
CLOCK HR. CUR.	1.140	1.070	1.040	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.495	.977	1.159	1.206	1.108	.853	.534	.530	.599	.565	.554	.354	-0.038
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
KURTOSIS	5.087	3.793	5.155	4.983	4.445	4.171	3.043	2.937	2.948	3.028	3.174	2.993	3.276
N	35	35	35	35	35	35	35	35	35	35	37	37	37
RECORD YEAR	1956	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1967
RECORD MAXIMUM	8.250	10.420	12.970	13.330	14.940	15.180	15.34	18.070	19.760	23.130	33.220	50.340	80.340
NORMALIZED MAX	2.661	2.467	3.061	2.732	3.011	2.906	2.471	2.441	2.251	2.363	2.426	2.313	2.007
CALC. COEF. VAM	.503	.501	.504	.525	.514	.486	.513	.512	.476	.499	.485	.491	.478
REGION. COEF. VAM	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAM	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1326	.1746	.1921	.2054	.2214	.2362	.2612	.2846	.3203	.3445	.3974	.5936	1.0000
HP10/A	.2045	.2750	.3028	.3226	.3461	.3683	.4047	.4382	.4924	.5308	.6056	.9062	1.4437
HP25/A	.2445	.3344	.3603	.3876	.4135	.4374	.4799	.5161	.5769	.6184	.7026	1.0598	1.6617
HP50/A	.2733	.3776	.4025	.4295	.4514	.4866	.5203	.5512	.6301	.6793	.7733	1.1673	1.8444
RP100/A	.3103	.4203	.4574	.4801	.5085	.5339	.5848	.6238	.6925	.7369	.8384	1.2698	1.9598
RP1000/A	.3704	.5573	.6016	.6251	.6561	.6825	.7463	.7873	.8868	.9135	1.0378	1.5863	2.4091
RP10000/A	.4759	.6903	.7407	.7643	.7966	.8230	.9090	.9417	1.0286	1.0757	1.2212	1.8802	2.8264
PMF/A	.9154	1.3111	1.4315	1.5121	1.6153	1.7138	1.8733	2.0051	2.2517	2.4425	2.7403	4.0118	5.9600

FRANKFORD TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 010 6610 0	STATION NAME PAICINES OHMALL RCH	ELEV 444	SFC 450	TWP 12	RNG 14S	LOT 05E	HWM H	LATITUDE 36.733	LONGITUDE 121.367	COUNTY CODE 35			
MAXIMUM PRECIPITATION FOR INDICATED DURATION IN DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.6R	2.16	2.50	2.74	2.96	3.23	3.53	3.93	4.53	5.01	5.97	8.41	14.62
5	2.37	3.11	3.60	4.02	4.21	4.54	4.94	5.47	6.29	6.91	8.20	11.60	19.24
10	2.82	3.76	4.34	4.88	5.01	5.41	5.86	6.43	7.36	8.04	9.54	13.55	22.07
20	3.24	4.38	5.03	5.64	5.76	6.18	6.69	7.31	8.33	9.06	10.73	15.31	26.62
25	3.37	4.56	5.25	5.83	5.95	6.42	6.92	7.57	8.62	9.37	11.10	15.84	25.40
40	3.64	4.94	5.70	6.39	6.10	6.61	7.14	7.88	9.12	9.29	11.00	16.94	27.00
50	3.76	5.17	5.91	6.31	6.64	7.14	7.73	8.38	9.51	10.29	12.10	17.45	27.73
100	4.14	5.75	6.55	6.77	7.36	7.84	8.47	9.15	10.35	11.17	13.20	18.98	29.96
200	4.53	6.32	7.19	7.62	8.04	8.51	9.11	9.77	11.10	12.00	14.14	20.46	32.10
1000	5.34	7.62	8.62	9.04	9.50	10.02	10.81	11.56	12.96	13.44	16.34	23.72	36.83
10000	6.45	9.44	10.61	11.10	11.54	12.08	13.02	13.86	15.30	16.30	19.23	28.11	43.20
PMF	12.44	17.80	20.51	21.95	23.41	25.15	27.05	29.42	33.65	36.67	43.16	61.32	91.41
MEAN	1.420	2.389	2.753	2.994	3.207	3.467	3.783	4.170	4.788	5.250	6.259	8.874	15.286
CLOCK HP. COEF.	1.148	1.770	1.740	1.820	1.810	1.818	1.888	1.868	1.883	1.880	1.880	1.880	1.880
CALCULATED SKEW	2.491	2.714	2.874	3.051	3.173	3.448	3.201	3.286	3.75	3.90	4.59	6.37	9.71
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
KURTOSIS	14.256	12.940	11.541	9.084	8.078	7.044	5.062	5.772	4.449	4.026	2.788	3.468	2.679
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RCFORD TEAM	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1941
RECORD MAXIMUM	5.000	7.620	8.620	9.040	9.500	10.020	10.810	11.560	12.960	13.440	16.340	23.720	36.830
NORMALIZED MAX	3.914	4.174	4.243	4.075	4.007	3.844	3.400	3.664	3.348	3.177	2.504	2.761	2.223
CALC. COEF. VAR	.597	.514	.502	.460	.444	.419	.422	.412	.389	.382	.379	.394	.327
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.194	1.583	1.801	1.955	2.098	2.264	2.475	2.732	3.132	3.435	4.095	5.806	1.0000
HP10/A	1.143	1.642	1.838	2.004	2.174	2.356	2.585	2.862	3.282	3.540	4.254	5.863	1.4437
HP20/A	1.203	1.693	1.846	2.022	2.194	2.376	2.605	2.882	3.302	3.560	4.274	5.883	1.6617
HP50/A	1.243	1.732	1.886	2.062	2.234	2.416	2.645	2.922	3.342	3.600	4.314	5.923	1.8144
HP100/A	1.274	1.762	1.916	2.092	2.264	2.446	2.675	2.952	3.372	3.630	4.344	5.963	1.9598
HP200/A	1.314	1.802	1.956	2.132	2.304	2.486	2.715	2.992	3.412	3.670	4.384	5.993	2.4091
HP1000/A	1.474	1.962	2.116	2.292	2.464	2.646	2.875	3.152	3.572	3.830	4.544	6.183	2.8264
HP10000/A	1.629	2.116	2.270	2.446	2.618	2.790	3.019	3.296	3.716	3.974	4.688	6.284	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SFC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE			
010 6699 1	PARADISE VALLEY	425	04	10S	13E	D	M	37.063	121.642	43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION IN DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.00	3.72	4.14	4.44	5.06	5.31	5.87	6.27	6.97	7.91	9.25	13.13	20.85
5	4.22	5.36	5.96	6.41	7.18	7.46	8.25	8.74	9.67	10.91	12.70	18.10	27.45
10	4.82	6.48	7.17	7.80	8.55	8.88	9.75	10.27	11.32	12.71	14.77	21.14	31.48
20	5.77	7.54	8.32	8.94	9.82	10.16	11.13	11.67	12.81	14.32	16.32	23.88	35.12
25	6.00	7.88	8.68	9.21	10.22	10.55	11.54	12.1	13.26	14.81	17.18	24.72	36.24
40	6.44	8.57	9.42	9.97	10.61	11.16	12.44	12.96	14.19	15.81	18.33	26.44	38.51
50	6.71	8.90	9.77	10.32	11.41	11.76	12.85	13.39	14.62	16.27	18.88	27.23	39.57
100	7.46	9.90	10.83	11.41	12.55	12.88	14.02	14.62	15.82	17.45	20.45	29.62	42.74
200	8.07	10.89	11.88	12.46	13.44	13.99	15.29	15.82	17.17	18.47	21.97	31.92	45.79
1000	9.58	13.13	14.25	14.85	16.21	16.64	17.98	18.47	19.93	21.87	25.31	37.01	52.53
10000	11.64	16.26	17.54	18.14	19.68	19.85	21.66	22.04	23.65	25.76	29.78	43.87	61.83
PMF	22.94	31.85	35.90	38.52	43.84	44.34	48.98	47.01	51.77	57.46	66.82	95.70	130.40
MEAN	3.259	4.114	4.551	4.890	5.471	5.694	6.292	6.672	7.364	8.298	9.691	13.849	21.806
CLOCK HP. COEF.	1.148	1.670	1.650	1.620	1.611	1.610	1.680	1.680	1.680	1.680	1.680	1.680	1.680
CALCULATED SKEW	1.224	1.779	1.694	1.733	1.792	1.934	1.862	1.967	1.805	1.783	1.567	1.694	1.694
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700	.700	.800	.800
KURTOSIS	4.277	3.454	4.030	3.285	3.537	3.841	3.478	3.347	3.618	3.134	3.050	2.660	2.574
N	25	25	25	25	25	25	25	25	25	25	27	27	27
RECORD TEAM	1969	1969	1969	1967	1956	1956	1956	1909	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.351	7.759	9.150	9.140	12.040	13.020	13.960	14.28	16.800	18.020	21.570	27.860	38.820
NORMALIZED MAX	2.066	2.681	2.245	1.910	2.264	2.401	2.254	2.451	2.373	2.463	2.335	2.026	2.026
CALC. COEF. VAR	.461	.429	.430	.436	.429	.432	.450	.450	.454	.454	.454	.454	.454
REGN. COEF. VAR	.403	.430	.430	.423	.426	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.426	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.445	1.887	2.087	2.243	2.509	2.613	2.885	3.080	3.377	3.605	4.444	6.351	1.0000
HP10/A	1.202	1.671	1.828	1.951	2.222	2.473	2.671	2.871	3.191	3.489	4.273	6.995	1.4437
HP20/A	1.252	1.613	1.879	2.023	2.265	2.483	2.699	2.919	3.282	3.579	4.379	7.133	1.6617
HP50/A	1.317	1.832	2.036	2.176	2.522	2.732	2.952	3.172	3.535	3.832	4.632	7.453	1.8144
HP100/A	1.372	1.851	2.058	2.230	2.571	2.781	2.961	3.181	3.544	3.842	4.642	7.453	1.9598
HP200/A	1.495	1.820	2.034	2.113	2.433	2.650	2.845	3.071	3.434	3.731	4.531	7.192	2.4091
HP1000/A	1.535	1.754	1.845	1.926	2.225	2.403	2.632	2.812	3.182	3.481	4.281	7.264	2.8264
HP10000/A	1.653	1.655	1.5547	1.6472	1.8314	1.8866	2.1629	2.1557	2.3739	2.6580	3.0644	4.3886	5.9800

REARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 *WHERE N IS SMALL RESULTS ARE NOT REPRESENTATIVE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB 010 477E 0	STATION NAME PEABODY RANCH	ELFV 475	SEC 22	TWP 10N	RNG LOT 04E R N	HMM R	LATITUDE 37.045	LONGITUDE 121.510	COUNTY CODE 43				
MAXIMUM PRECIPITATION FROM INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.12	2.82	3.08	3.35	3.71	3.95	4.31	4.79	5.60	6.75	7.47	10.76	17.92
5	2.64	4.07	4.43	4.78	5.20	5.47	6.06	6.67	7.76	9.25	10.26	14.84	24.59
10	3.64	4.91	5.36	5.72	6.20	6.46	7.16	7.64	9.00	10.19	11.43	17.33	27.05
20	4.77	5.72	6.19	6.45	7.00	7.25	8.10	8.61	10.24	11.48	13.42	19.58	30.18
40	6.23	6.97	7.44	7.67	7.49	7.84	8.49	9.24	10.66	11.87	13.87	20.27	31.13
60	6.57	6.90	7.01	7.44	7.63	7.83	9.14	9.91	11.39	12.67	14.80	21.68	33.93
80	6.73	6.75	7.27	7.71	8.30	8.73	9.44	10.22	11.74	13.04	15.23	22.33	34.00
100	6.71	7.51	8.06	8.51	9.00	9.35	10.35	11.16	12.74	14.15	16.51	24.29	36.72
200	6.69	8.26	8.85	9.30	10.03	10.40	11.23	12.07	13.70	15.21	17.74	27.17	39.34
400	6.76	9.28	10.00	11.00	11.88	12.26	13.20	14.10	15.49	17.54	20.44	30.34	45.14
1000	6.24	12.33	13.06	14.55	16.42	14.76	15.40	16.85	18.98	20.45	25.05	37.97	52.76
PMF	16.19	23.24	25.23	28.41	29.26	30.73	33.04	35.00	41.58	46.47	53.50	70.46	112.05
MEAN	2.208	3.120	3.367	3.650	4.008	4.236	4.628	5.003	5.909	6.653	7.826	11.355	18.737
CLOCK HR. CON.	1.168	1.710	1.943	1.970	1.913	1.910	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.453	1.355	1.289	1.227	1.166	1.117	1.474	1.467	1.534	1.607	1.611	1.346	1.598
REGIONAL SKEW	1.266	1.400	1.300	1.203	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.201	1.400	1.300	1.203	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.749	4.558	4.594	3.650	3.545	3.545	4.321	3.208	3.100	2.963	3.197	3.035	2.137
RECORD YEAR	1	30	30	30	30	30	30	30	30	30	30	30	30
RECORD MAXIMUM	4.100	6.630	7.430	7.540	8.740	9.530	11.300	11.550	12.600	14.490	19.250	32.490	195.8
NORMALIZED MAX	1.908	2.346	2.624	2.621	2.906	2.922	2.640	2.671	2.382	2.229	2.229	1.880	2.257
CALC. COEF. VAR	1.393	1.400	1.455	1.421	1.431	1.428	1.403	1.403	1.400	1.392	1.382	1.370	1.325
REGN. COEF. VAR	1.403	1.430	1.430	1.423	1.422	1.417	1.410	1.403	1.402	1.399	1.393	1.384	1.332
USED COEF. VAR	1.403	1.430	1.430	1.423	1.422	1.417	1.410	1.403	1.402	1.399	1.393	1.384	1.332
MEAN/A	1.165	1.665	1.807	1.943	2.134	2.261	2.468	2.718	3.154	3.551	4.177	6.060	1.0000
RP10/A	1.184	1.822	2.048	2.253	2.344	2.524	2.821	3.185	3.448	3.549	3.655	4.251	1.4437
RP25/A	1.184	1.864	2.044	2.264	2.345	2.487	2.831	3.192	3.561	3.631	3.705	4.081	1.6144
RP50/A	1.254	2.363	2.488	2.612	2.662	2.836	3.255	3.655	4.264	4.367	4.827	1.1917	1.8617
RP100/A	1.275	2.408	2.403	2.554	2.613	2.710	3.222	3.561	4.419	4.511	4.812	1.2763	1.9598
RP1000/A	1.309	2.514	2.559	2.610	2.638	2.632	2.767	3.252	4.535	4.930	1.0907	1.6194	2.4091
RP10000/A	1.439	2.582	2.668	2.733	2.700	2.777	2.489	2.894	1.0122	1.1023	1.2934	1.4195	2.8264
PMF/A	1.840	1.2406	1.2466	1.4307	1.5117	1.6402	1.7631	1.9101	2.2172	2.4402	2.8794	4.1876	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELFV	SEC	TWP	RNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE				
010 7719 0	SAN HENRITO	1355	27	16S	08E	M	N	36.518	121.042	35			
MAXIMUM PRECIPITATION FROM INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.72	2.22	2.46	2.57	2.70	2.92	3.11	3.40	3.92	4.33	5.17	7.02	12.09
5	2.45	3.20	3.54	3.67	3.91	4.13	4.37	4.74	5.44	5.97	7.09	9.68	14.92
10	3.70	3.67	4.26	4.39	4.66	4.89	5.17	5.57	6.37	6.96	8.25	11.30	18.26
20	3.49	4.51	4.94	5.07	5.45	5.64	5.90	6.33	7.21	7.84	9.28	12.77	20.37
40	4.71	5.16	5.28	5.57	5.81	6.13	6.56	7.46	8.10	9.60	13.22	21.02	
60	4.37	5.12	5.60	5.72	5.67	6.26	6.54	7.04	7.99	8.65	10.24	14.14	22.36
80	4.52	5.32	5.80	5.92	6.22	6.77	6.81	7.20	8.23	8.90	10.53	14.56	22.05
100	4.98	5.51	6.44	6.56	6.84	7.09	7.47	7.93	8.96	9.66	11.42	15.84	24.79
200	5.44	6.50	7.06	7.15	7.46	7.70	8.10	8.55	9.66	10.38	12.27	17.07	26.56
400	6.46	7.84	8.47	8.52	8.83	9.07	9.53	10.00	11.21	11.97	14.14	19.79	30.47
1000	7.97	10.42	10.41	10.72	10.93	11.48	11.97	13.31	14.09	16.63	23.45	35.75	
PMF	15.47	18.31	20.14	20.60	21.76	22.77	23.84	25.48	29.13	31.71	37.32	51.17	74.63
MEAN	2.197	2.457	2.704	2.805	2.980	3.138	3.335	3.617	4.144	4.540	5.413	7.405	12.648
CLOCK HR. CON.	1.155	1.770	1.900	1.920	1.910	1.910	1.900	1.900	1.900	1.900	1.900	1.900	1.900
CALCULATED SKEW	1.763	1.190	1.964	1.891	1.881	1.770	1.869	1.037	1.002	1.002	1.141	1.764	1.030
REGIONAL SKEW	1.270	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.270	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	6.598	7.720	3.327	3.034	3.145	2.909	3.230	3.494	3.933	3.599	4.062	3.908	3.791
RECORD YEAR	22	23	23	23	23	23	23	23	23	23	23	23	23
RECORD MAXIMUM	1969	1967	1954	1950	1954	1956	1956	1956	1956	1969	1969	1958	1958
RECORD MAXIMUM	5.290	5.290	5.540	5.540	6.180	6.540	7.360	9.010	9.460	11.900	14.790	24.540	
NORMALIZED MAX	2.473	2.227	2.006	2.004	2.108	2.204	2.296	2.337	2.582	2.453	2.609	2.425	2.408
CALC. COEF. VAR	1.375	1.517	1.589	1.601	1.615	1.512	1.584	1.573	1.607	1.707	1.832	1.1513	1.4434
REGN. COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399	1.393	1.394	1.332
USED COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399	1.393	1.394	1.332
MEAN/A	1.173	1.943	2.138	2.217	2.358	2.481	2.637	2.86	3.276	3.590	4.280	5.855	1.0000
RP10/A	1.275	3.300	3.369	3.475	3.684	3.868	4.083	4.403	5.037	5.449	6.522	8.937	1.4434
RP25/A	1.319	3.721	4.076	4.176	4.401	4.505	4.845	5.137	5.902	6.407	7.698	11.425	1.6917
RP50/A	1.375	4.203	4.589	4.681	4.915	5.112	5.384	5.739	6.507	7.037	8.328	11.513	1.8147
RP100/A	1.394	4.676	5.090	5.172	5.411	5.609	5.904	6.260	7.084	7.634	9.029	12.523	1.9598
RP1000/A	1.507	6.199	6.694	6.734	6.982	7.170	7.535	7.918	8.867	9.463	11.176	1.5645	2.4091
RP10000/A	1.625	7.679	8.242	8.232	8.478	8.645	9.016	9.414	11.144	11.510	13.504	1.8544	2.8264
PMF/A	1.275	1.4474	1.5927	1.6287	1.7262	1.8003	1.8857	2.0149	2.3033	2.5075	2.9509	4.0455	5.4800

PEABODY TYPE III DISTRIBUTION USED

PROGRAM MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TMP	PNG	LNT	HMM	LATITUDE	LONGITUDE	COUNTY	COUNTY		
010 TRA3 1	SAN MARTIN	312						37.17	121.547	43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION IN DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.48	2.80	3.12	3.41	3.64	3.84	4.29	4.60	5.39	5.93	7.02	9.91	16.36
5	3.19	3.64	4.09	4.49	4.87	5.17	5.97	6.53	7.99	8.94	11.14	13.67	21.54
10	4.14	4.68	5.24	5.72	6.15	6.49	7.13	7.64	9.26	9.53	11.21	15.97	24.70
20	4.76	5.43	6.06	6.72	7.07	7.34	8.15	8.77	9.91	10.74	12.61	16.04	27.56
25	4.94	5.64	6.33	7.09	7.35	7.62	8.44	9.04	10.26	11.10	13.04	16.67	28.43
40	5.15	5.86	6.69	7.57	7.69	8.21	9.10	9.71	10.94	11.85	13.91	19.97	30.22
50	5.53	6.31	7.35	7.94	8.04	8.61	9.61	10.20	11.32	12.20	14.41	20.57	31.05
100	6.10	7.07	8.16	9.07	9.04	9.31	10.31	10.93	12.32	13.23	15.52	22.37	33.53
200	6.65	7.81	8.94	9.67	9.65	10.11	11.19	11.82	13.29	14.22	16.67	24.11	34.93
1000	7.60	9.01	10.73	11.68	11.65	11.90	13.16	13.84	15.42	16.40	19.21	27.95	41.22
10000	9.63	12.26	14.21	15.79	15.74	15.85	17.51	18.30	19.31	22.00	33.13	48.38	
PMF	18.94	24.11	25.53	27.24	29.73	29.87	32.92	35.13	40.05	43.46	50.72	72.27	102.32
MEAN	2.666	3.102	3.426	3.716	4.036	4.117	4.604	4.996	5.697	6.222	7.356	10.459	17.111
CLOCK HR, COR.	1.140	1.270	1.340	1.420	1.510	1.510	1.600	1.600	1.600	1.600	1.600	1.600	1.600
CALCULATED SKEW	1.272	1.390	1.466	1.536	1.577	1.608	1.650	1.642	1.627	1.601	1.580	1.504	1.445
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
PUNTSLOS	4.157	4.812	4.421	3.730	3.354	3.776	4.062	4.122	3.523	3.605	3.438	3.344	3.344
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.066	4.704	4.890	4.130	4.450	4.300	4.119	4.100	3.837	4.110	3.644	3.420	3.210
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
NORMALIZED MAX	2.253	2.629	2.717	2.629	2.549	2.487	2.247	2.272	2.000	2.010	1.802	1.617	1.442
CALC. COEF. VAR	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN	1.571	1.613	2.002	2.172	2.305	2.416	2.691	2.914	3.330	3.436	4.294	4.112	1.0000
RECORD YEAR	1945	1945	1969	1969	1969	1969	19						

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TMP	PNG	LNT	HMM	LATITUDE	LONGITUDE	COUNTY	COUNTY		
020 1751 0	CHUALAR-JACAS RANCH	100	03	145	04E			36.503	121.515	27			
MAXIMUM PRECIPITATION FOR INDICATED DURATION IN DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.44	1.82	2.04	2.22	2.34	2.53	2.71	2.90	3.55	3.97	4.81	6.84	12.03
5	2.02	2.69	3.00	3.17	3.35	3.54	3.81	4.11	4.92	5.48	6.61	9.44	15.64
10	2.40	3.17	3.61	3.79	3.98	4.24	4.50	4.85	5.76	6.38	7.69	11.02	18.16
20	2.76	3.64	4.19	4.37	4.58	4.85	5.14	5.51	6.52	7.19	8.65	12.45	20.26
25	2.87	3.80	4.37	4.50	4.76	5.13	5.34	5.75	7.44	8.44	10.44	14.29	21.90
40	3.10	4.20	4.75	4.93	5.15	5.42	5.75	6.13	7.22	7.94	9.54	13.78	22.22
50	3.21	4.39	4.92	5.11	5.31	5.60	5.94	6.32	7.44	8.17	9.81	14.20	22.82
100	3.64	4.85	5.46	5.64	5.85	6.15	6.51	6.91	8.10	8.86	10.64	15.44	24.65
200	3.86	5.23	5.99	6.17	6.37	6.67	7.06	7.47	8.73	9.52	11.43	16.64	26.41
1000	4.58	6.43	7.18	7.35	7.55	7.86	8.31	8.72	10.14	10.98	13.17	19.29	30.31
10000	5.69	7.96	8.84	9.08	9.17	9.47	10.01	10.43	12.03	12.93	15.10	22.67	35.56
PMF	10.98	14.00	17.06	17.77	18.00	19.72	20.74	22.2	26.34	29.10	34.77	49.88	75.23
MEAN	1.558	2.314	2.293	2.420	2.546	2.719	2.907	3.151	3.746	4.147	5.043	7.219	12.560
CLOCK HR, COR.	1.148	1.270	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.369	1.457	1.244	1.011	0.916	0.761	0.596	0.500	0.780	0.704	0.449	0.206	0.506
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KUNITOS	4.453	6.127	4.503	4.116	3.723	3.454	3.595	3.163	3.260	3.494	3.074	3.483	3.385
RECORD YEAR	1914	1907	1910	1907	1907	1922	1922	1922	1922	1907	1907	1907	1907
RECORD MAXIMUM	3.170	4.350	4.600	4.650	4.600	5.340	5.410	6.250	7.370	8.020	9.600	15.250	23.300
NORMALIZED MAX	2.290	2.542	2.349	2.250	2.217	2.124	2.046	2.312	2.168	2.126	2.179	2.500	2.551
CALC. COEF. VAR	0.92	0.90	0.88	0.86	0.84	0.81	0.79	0.76	0.84	0.85	0.85	0.84	0.84
REGION. COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
USED COEF. VAR	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
MEAN _{10Y}	1.219	1.601	1.823	1.923	2.024	2.161	2.311	2.505	2.978	3.312	4.009	5.739	1.0000
MEAN _{20Y}	1.198	1.521	1.772	1.914	2.016	2.199	2.380	2.587	3.074	3.404	4.104	5.834	1.0000
MEAN _{30Y}	1.221	1.566	1.775	1.922	2.024	2.199	2.404	2.596	3.074	3.404	4.104	5.834	1.0000
MEAN _{40Y}	1.240	1.586	1.793	1.940	2.042	2.224	2.429	2.621	3.100	3.430	4.130	5.860	1.0000
MEAN _{50Y}	1.261	1.583	1.793	1.940	2.042	2.224	2.429	2.621	3.100	3.430	4.130	5.860	1.0000
MEAN _{100Y}	1.363	1.510	1.707	1.861	1.962	2.145	2.350	2.542	3.020	3.350	4.050	5.750	1.0000
MEAN _{1000Y}	1.440	1.322	1.707	1.741	1.748	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750
MEAN _{10000Y}	1.440	1.322	1.707	1.741	1.748	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	FELEV	SFC	T&P	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUO	D20 2352 J	04	155	01E	M	14.600	121.867			CHIE
D20 2352 J	DPL MONT	46	155	01E	M	14.600	121.867			CHIE
										27
MAXIMUM PRECIPITATION FOR INDICATED DURATION (1-DAYS H-HOURS)										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.67	1.92	2.21	2.47	2.64	2.86	3.12	3.55	4.27	4.88
5	2.21	2.74	3.18	3.61	3.74	4.26	4.38	4.95	5.92	6.70
10	2.63	3.36	3.83	4.19	4.46	4.78	5.12	5.81	6.93	7.80
20	3.02	4.04	4.64	5.11	5.12	5.67	6.72	8.00	7.84	8.79
25	3.16	4.04	4.64	5.11	5.12	5.67	6.72	8.00	8.12	9.09
40	3.39	4.44	5.03	5.41	5.43	6.12	6.61	7.35	8.69	9.70
50	3.61	4.61	5.21	5.59	5.95	6.32	6.83	7.58	8.95	9.98
100	3.87	5.13	5.78	6.17	6.55	6.93	7.43	8.24	9.75	10.83
200	4.22	5.64	6.36	6.73	7.03	7.43	7.93	8.83	10.51	11.64
1000	5.11	6.81	7.61	7.91	8.45	8.86	9.56	10.45	12.20	13.42
10000	6.11	8.42	9.36	9.67	10.26	10.69	11.52	12.49	14.68	15.81
PMF	12.11	15.67	18.10	19.13	20.62	22.25	23.92	26.61	31.70	35.55

MEAN	1.75	2.13	2.429	2.685	2.842	3.067	3.345	3.776	4.509	5.092
CLDCK HRA. COH.	1.146	1.70	1.829	1.821	1.810	1.800	1.800	1.800	1.800	1.800
CALCULATED S&E	1.291	1.505	1.400	1.224	1.176	1.086	0.927	0.933	0.918	0.944
REGIONAL S&E	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600
S&E USED	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600

KUNTUSIS	4.127	6.092	5.357	4.600	4.341	3.994	3.636	3.445	2.977	3.755
RECORD YEAR	4	37	37	37	37	37	37	37	37	37
RECORD MAXIMUM	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
NORMALIZED MAX	2.237	3.232	3.145	2.804	2.157	2.602	2.720	2.350	2.134	2.674
CALC. COEF. VAR	0.30	0.44	0.35	0.31	0.30	0.31	0.30	0.32	0.34	0.31
REGN. COEF. VAR	0.03	0.30	0.30	0.23	0.20	0.17	0.10	0.03	0.02	0.09
USED COEF. VAR	0.03	0.30	0.30	0.23	0.20	0.17	0.10	0.03	0.02	0.09

MEAN/A	1.125	1.408	1.602	1.718	1.881	2.073	2.287	2.491	2.974	3.359
RP100/A	1.146	1.214	1.252	1.292	1.341	1.394	1.450	1.505	1.545	1.600
RP50/A	0.701	0.762	0.805	0.829	0.844	0.861	0.875	0.887	0.894	0.904
RP25/A	0.315	0.361	0.400	0.427	0.442	0.458	0.468	0.474	0.478	0.481
RP100/A	0.252	0.383	0.415	0.417	0.420	0.423	0.424	0.425	0.426	0.427
RP100/A	0.316	0.485	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
RP100/A	0.431	0.555	0.617	0.639	0.648	0.649	0.649	0.649	0.649	0.649
PMF/A	0.792	1.047	1.193	1.270	1.334	1.404	1.579	1.758	2.098	2.361

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	FELEV	SFC	T&P	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUO	D20 2517 J	04	155	01E	M	14.600	121.867			CHIE
D20 2517 J	DWAFF RANCH	46	155	01E	M	14.600	121.867			CHIE
										27
MAXIMUM PRECIPITATION FOR INDICATED DURATION (1-DAYS H-HOURS)										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.32	1.59	1.71	1.82	1.91	2.04	2.21	2.50	2.81	3.13
5	1.86	2.16	2.46	2.59	2.71	2.88	3.11	3.48	3.84	4.32
10	2.21	2.61	2.96	3.10	3.23	3.41	3.71	4.09	4.55	5.03
20	2.54	3.04	3.43	3.59	3.71	3.90	4.23	4.54	5.15	5.67
25	2.66	3.17	3.58	3.73	3.85	4.05	4.39	4.81	5.34	5.86
40	2.85	3.45	3.88	4.04	4.13	4.37	4.73	5.16	5.71	6.26
50	2.95	3.59	4.03	4.19	4.30	4.51	4.88	5.33	5.84	6.44
100	3.26	3.99	4.47	4.62	4.74	4.95	5.36	5.82	6.41	6.99
200	3.65	4.32	4.90	5.05	5.15	5.37	5.81	6.29	6.91	7.51
1000	4.22	5.24	5.87	6.01	6.12	6.33	6.83	7.35	8.02	8.66
10000	5.14	6.55	7.23	7.35	7.43	7.63	8.23	8.78	9.52	10.20
PMF	10.11	12.35	13.98	14.54	15.07	15.88	17.10	18.59	20.83	22.95

MEAN	1.435	1.657	1.876	1.999	2.164	2.189	2.392	2.654	2.983	3.285
CLDCK HRA. COH.	1.146	1.70	1.640	1.620	1.613	1.610	1.600	1.600	1.600	1.600
CALCULATED S&E	1.597	2.393	1.767	1.493	1.205	1.464	1.358	1.344	1.345	1.332
REGIONAL S&E	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600
S&E USED	1.200	1.400	1.300	1.200	1.100	1.000	0.900	0.800	0.700	0.600

KUNTUSIS	6.213	11.674	8.410	6.893	7.012	6.445	4.545	5.980	4.814	5.014
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	2.686	3.963	4.460	4.460	4.740	4.740	6.100	6.220	6.960	7.910
NORMALIZED MAX	2.438	3.379	3.268	3.183	3.267	3.193	2.625	3.144	3.001	2.536
CALC. COEF. VAR	0.346	0.411	0.21	0.33	0.37	0.365	0.374	0.413	0.383	0.373
REGN. COEF. VAR	0.03	0.30	0.30	0.23	0.20	0.17	0.10	0.03	0.02	0.09
USED COEF. VAR	0.03	0.30	0.30	0.23	0.20	0.17	0.10	0.03	0.02	0.09

MEAN/A	1.1452	1.1677	1.1898	1.2003	1.2088	1.2215	1.2420	1.2685	1.2998	1.3324
RP100/A	0.236	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241	0.241
RP50/A	0.2674	0.3211	0.3619	0.3773	0.400	0.4102	0.4669	0.5460	0.5932	0.7220
RP25/A	0.3085	0.3628	0.4055	0.4283	0.4556	0.4842	0.5564	0.5956	0.6516	0.7134
RP100/A	0.3769	0.4036	0.430	0.4572	0.4866	0.507	0.5409	0.5885	0.6482	0.7069
RP100/A	0.4270	0.5351	0.5943	0.6188	0.6401	0.6915	0.7433	0.8113	0.8762	1.0635
RP100/A	0.5204	0.6628	0.7318	0.7438	0.7513	0.7718	0.8330	0.8884	1.0313	1.2513
PMF/A	1.0229	1.2492	1.4143	1.4715	1.5246	1.6071	1.7302	1.8918	2.1075	2.3219

PEWSON TYPE III DISTRIBUTION USED
 PROBABLY MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSD ORDER SUB	STATION NAME	ELEV	DEC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE
020 1502 1	GOYGALES SPR	121	105	05E	N	36-50R	121-447	27		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	70	100	150	200
2	1.24	1.55	1.71	1.84	2.00	2.32	2.58	2.90	3.52	3.84
5	1.74	2.25	2.45	2.70	2.93	3.27	3.63	4.05	4.83	5.30
10	2.07	2.71	2.95	3.23	3.44	3.87	4.29	4.76	5.71	6.17
20	2.34	3.15	3.43	3.72	4.01	4.43	4.93	5.40	6.44	6.95
25	2.47	3.24	3.57	3.88	4.17	4.60	5.09	5.61	6.64	7.19
30	2.67	3.54	3.88	4.20	4.49	4.95	5.44	6.01	7.16	7.67
40	2.77	3.72	4.02	4.34	4.63	5.12	5.66	6.20	7.34	7.83
100	3.15	4.13	4.46	4.80	5.12	5.67	6.20	7.34	8.50	9.02
200	4.33	5.55	5.89	6.25	6.58	7.14	7.73	8.96	10.20	10.75
1000	7.45	9.48	9.97	10.57	11.04	11.84	12.61	14.55	16.81	17.47
10000	14.82	18.74	19.73	20.76	21.63	22.84	23.93	27.10	31.50	32.93
PMF	9.47	12.41	13.37	14.12	14.84	15.83	16.69	19.16	22.11	22.94
MEAN	1.444	1.718	1.875	2.028	2.231	2.445	2.769	3.089	3.715	4.077
CLOCK HR. COR.	1.144	1.418	1.575	1.728	1.931	2.145	2.469	2.789	3.415	3.777
CALCULATED SKEW	1.144	1.418	1.575	1.728	1.931	2.145	2.469	2.789	3.415	3.777
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.800
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.800
KURTOSIS	6.066	3.328	5.043	4.959	5.441	3.652	3.702	3.745	3.097	3.085
RECORD YEAR	31	31	30	29	31	30	31	31	30	30
RECORD MAXIMUM	2.620	2.401	3.570	4.150	4.750	5.000	5.000	6.140	6.980	7.450
NORMALIZED MAX	2.581	2.287	2.547	2.701	2.840	2.947	2.947	2.435	2.244	2.396
CALC. COEF. VAR	.462	.316	.352	.368	.377	.401	.400	.391	.369	.410
REG. COEF. VAR	.403	.430	.430	.423	.426	.417	.410	.403	.399	.394
USED COEF. VAR	.403	.430	.430	.423	.426	.417	.410	.403	.399	.394
MEAN/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP10/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP25/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP50/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP70/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP100/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP1000/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
MP10000/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570
PMF/A	1.191	1.523	1.662	1.825	1.970	2.223	2.455	2.734	3.293	3.570

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSD ORDER SUB	STATION NAME	ELEV	DEC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE
020 4555 U	KING CITY	328	04	20S	08E	N	36-29N	121-133	27	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	70	100	150	200
2	1.50	1.83	2.02	2.14	2.37	2.50	2.73	2.98	3.40	3.75
5	2.11	2.84	3.01	3.20	3.37	3.63	3.93	4.14	4.71	5.17
10	2.41	3.19	3.51	3.76	4.01	4.18	4.53	4.87	5.52	6.02
20	2.68	3.72	4.07	4.34	4.61	4.78	5.18	5.53	6.24	6.78
25	3.05	3.88	4.24	4.52	4.79	4.96	5.38	5.74	6.66	7.01
40	3.24	4.22	4.61	4.89	5.16	5.34	5.78	6.14	6.92	7.48
50	3.35	4.38	4.78	5.07	5.35	5.52	5.97	6.35	7.13	7.70
100	3.70	4.88	5.30	5.60	5.89	6.06	6.55	6.93	7.76	8.35
200	4.43	5.30	5.81	6.12	6.42	6.58	7.11	7.51	8.36	8.96
1000	6.79	6.67	6.97	7.29	7.60	7.74	8.34	8.76	9.71	10.35
10000	11.48	6.01	8.58	8.71	9.23	9.43	10.07	10.47	11.52	12.19
PMF	11.48	15.11	16.58	17.63	18.73	19.44	20.92	22.29	25.22	27.43
MEAN	1.629	2.026	2.226	2.400	2.566	2.679	2.925	3.164	3.588	3.927
CLOCK HR. COR.	1.149	1.670	1.840	2.020	2.180	2.290	2.536	2.775	3.199	3.538
CALCULATED SKEW	1.242	1.883	1.944	2.138	2.221	2.186	1.316	1.301	1.149	.894
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700
KURTOSIS	5.732	8.193	5.798	4.724	6.154	4.236	4.995	5.006	4.458	3.558
RECORD YEAR	77	77	77	77	77	76	77	77	77	77
RECORD MAXIMUM	1914	1063	1963	1963	1963	1911	1911	1911	1911	1911
NORMALIZED MAX	3.720	5.440	6.150	6.200	6.200	6.470	6.510	6.170	10.020	10.020
CALC. COEF. VAR	3.006	3.005	3.551	3.176	2.906	2.903	3.761	3.915	3.271	2.607
REG. COEF. VAR	.427	.457	.497	.498	.494	.492	.508	.498	.502	.475
USED COEF. VAR	.403	.430	.430	.423	.426	.417	.410	.403	.399	.394
MEAN/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP10/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP25/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP50/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP70/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP100/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP1000/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
MP10000/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779
PMF/A	1.156	1.950	2.142	2.310	2.469	2.578	2.815	3.045	3.452	3.779

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB D20 4925 0	STATION NAME PINNACLES P.M.	ELEV 417	SFC 1314	TAP 92	PKG LOT 1/5	PKG 07E	PKG H	LATITUDE 36.403	LONGITUDE 121.143	COUNTY 45			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
6	1.93	2.45	2.77	3.00	3.24	3.41	3.75	4.12	4.77	5.25	6.18	9.19	16.22
5	2.71	3.53	3.99	4.32	4.68	4.98	5.27	5.74	6.42	7.24	8.48	12.68	21.35
10	3.23	4.27	4.80	5.17	5.48	5.78	6.23	6.75	7.75	8.43	9.87	14.80	24.45
20	4.71	6.07	6.57	7.00	7.40	7.72	7.11	7.67	8.77	9.50	11.10	14.73	27.32
25	3.46	5.19	5.81	6.21	6.62	6.98	7.30	7.95	9.08	9.82	11.45	17.31	28.18
40	4.37	6.45	6.30	6.72	7.14	7.52	7.95	8.53	9.72	10.40	12.24	18.52	29.96
50	4.31	5.87	6.58	7.06	7.49	7.77	8.21	8.85	10.01	10.79	12.60	19.07	30.77
100	4.75	6.53	7.25	7.64	8.14	8.42	9.00	9.61	10.90	11.70	13.60	20.74	33.24
600	6.19	7.18	7.95	8.40	8.98	9.26	9.77	10.4	11.76	12.48	14.67	22.35	36.61
1000	6.16	7.45	8.23	8.71	9.25	9.50	10.00	10.46	12.14	13.44	15.50	25.92	40.46
10000	7.51	1.72	11.74	12.24	12.75	13.13	13.44	14.51	16.19	17.08	19.44	30.72	47.94
PMF	14.76	2.21	22.68	24.61	25.88	27.35	28.74	30.9	35.44	38.43	44.64	67.01	101.43
MEAN	2.025	2.712	3.065	3.296	3.544	3.770	4.020	4.386	5.042	5.502	6.474	9.698	16.961
CLOCK HR. CORR.	1.101	1.7	1.943	1.020	1.013	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.674	0.850	0.915	0.947	0.971	1.006	1.000	0.987	0.919	0.803	0.510	0.674	0.813
REGIONAL SKEW	1.200	1.400	1.500	1.600	1.700	1.800	1.900	2.000	2.100	2.200	2.300	2.400	2.500
SKEW USED	1.200	1.400	1.500	1.600	1.700	1.800	1.900	2.000	2.100	2.200	2.300	2.400	2.500
KURTOSIS	3.110	3.677	3.934	4.250	4.703	4.266	2.929	2.739	3.080	2.954	2.274	2.864	2.975
N	37	37	37	37	37	37	37	37	37	37	37	37	37
RECORD YEAR	1971	1966	1962	1962	1956	1958	1962	1961	1934	1962	1962	1941	1941
RECORD MAXIMUM	1.363	4.777	5.333	5.620	6.486	6.180	7.880	8.240	9.280	10.120	11.570	14.160	31.290
NORMALIZED MAX	1.155	1.407	1.303	1.000	2.000	1.511	2.353	2.277	2.600	2.296	2.296	2.296	2.296
CALC. COEF. VAR	0.30	0.382	0.382	0.353	0.314	0.336	0.356	0.351	0.357	0.369	0.381	0.380	0.349
REGION. COEF. VAR	0.403	0.431	0.403	0.423	0.423	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.431	0.403	0.423	0.423	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN	1.235	1.599	1.794	1.943	2.089	2.223	2.370	2.581	2.972	3.244	3.817	5.718	1.0000
NP10%	1.062	1.251	1.289	1.363	1.465	1.565	1.673	1.781	1.967	2.066	2.315	3.228	1.4437
NP25%	0.707	0.837	0.850	0.883	0.935	0.985	1.035	1.085	1.135	1.185	1.235	1.285	1.335
NP50%	0.202	0.363	0.384	0.402	0.416	0.430	0.444	0.458	0.472	0.486	0.500	0.514	0.528
NP75%	0.203	0.363	0.424	0.462	0.486	0.504	0.520	0.538	0.567	0.602	0.652	0.723	0.858
NP100%	0.302	0.510	0.562	0.602	0.618	0.622	0.674	0.718	0.804	0.851	0.958	1.279	2.4691
NP1000%	0.627	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921
PMF	0.611	1.193	1.374	1.624	1.824	1.976	1.947	1.812	2.056	2.066	2.618	3.959	5.900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SFC	TAP	PKG LOT	PKW	LATITUDE	LONGITUDE	COUNTY			
020 7244 1	MANCHO SAN LUCAS	670	46	225	06	H	36.037	121.006	27			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600
2	1.94	2.33	2.71	2.95	3.24	3.34	4.71	4.02	4.64	5.03	5.70	7.99
5	2.72	3.45	3.99	4.22	4.55	4.72	4.22	5.59	6.44	6.94	7.94	11.01
10	3.26	4.17	4.70	5.05	5.42	5.59	6.17	6.57	7.51	8.08	9.24	12.86
20	3.72	4.66	5.45	5.82	6.22	6.34	7.05	7.47	8.52	9.11	10.39	14.53
25	3.87	5.00	5.88	6.16	6.47	6.64	7.32	7.74	8.82	9.42	10.74	15.04
40	4.18	5.52	6.17	6.56	6.59	7.15	7.67	8.31	9.44	10.05	11.46	16.08
50	4.33	5.74	6.40	6.70	7.23	7.39	8.13	8.57	9.73	10.34	11.79	16.57
100	4.77	6.39	7.10	7.51	7.66	8.11	8.92	9.36	10.59	11.22	12.76	18.02
200	5.20	7.01	7.78	8.21	8.47	8.80	9.68	10.15	11.82	12.06	13.75	19.42
1000	6.18	8.44	9.33	9.78	10.28	10.36	11.38	11.82	13.28	13.91	15.82	22.51
10000	7.53	11.45	11.95	12.45	12.46	12.50	13.71	14.13	15.73	16.38	18.61	26.68
PMF	14.80	14.75	22.21	23.65	25.29	26.02	28.47	30.09	34.44	36.86	41.76	58.21
MEAN	2.161	2.651	2.991	3.220	3.464	3.587	3.982	4.271	4.899	5.277	6.157	8.424
CLOCK HR. CORR.	1.146	1.071	1.040	1.020	1.011	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.546	0.604	0.600	0.596	0.591	0.587	0.583	0.583	0.583	0.583	0.583	0.583
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	0.900	0.800	0.700	0.600	0.500
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	0.900	0.800	0.700	0.600	0.500
KURTOSIS	2.772	4.004	3.677	3.555	3.399	3.611	5.834	5.890	4.977	4.028	3.130	4.551
N	88	85	85	85	85	84	85	85	85	85	85	92
RECORD YEAR	1911	1956	1956	1911	1911	1911	1911	1911	1911	1911	1911	1941
RECORD MAXIMUM	3.450	5.000	6.700	7.200	7.722	7.722	11.000	12.92	13.977	13.970	14.050	22.960
NORMALIZED MAX	2.364	3.164	2.958	2.935	2.812	3.120	4.101	4.204	3.903	3.602	2.967	3.686
CALC. COEF. VAR	0.407	0.407	0.425	0.437	0.436	0.449	0.482	0.471	0.457	0.445	0.448	0.417
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.423	0.417	0.410	0.403	0.402	0.399	0.393	0.394
USED COEF. VAR	0.403	0.430	0.430	0.423	0.423	0.417	0.410	0.403	0.402	0.399	0.393	0.394
MEAN	1.153	1.167	1.218	1.235	1.258	1.260	1.263	1.317	1.345	1.396	1.450	1.627
NP10%	0.241	0.310	0.345	0.375	0.409	0.416	0.451	0.489	0.503	0.514	0.567	0.667
NP25%	0.279	0.377	0.429	0.451	0.474	0.482	0.544	0.576	0.600	0.607	0.700	1.119
NP50%	0.321	0.467	0.507	0.537	0.576	0.581	0.637	0.729	0.766	0.765	0.875	1.2324
NP100%	0.354	0.497	0.520	0.507	0.510	0.510	0.584	0.684	0.700	0.700	0.800	1.3558
NP1000%	0.597	0.693	0.694	0.724	0.7637	0.7711	0.847	0.876	0.964	1.0349	1.1769	1.6748
NP10000%	0.604	0.775	0.850	0.863	0.873	0.873	1.013	1.051	1.1706	1.1847	1.3681	1.9852
PMF	1.115	1.444	1.654	1.785	1.816	1.931	2.114	2.234	2.5625	2.7423	3.1073	4.3307

PEAKS: TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RANGE	LOT	RANGE	LATITUDE	LONGITUDE	COUNTY
020 76A9 0	SALINAS	421	ME	14S	33E	N		36.607	121.000	27
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
	10	20	30	40	50	60	80	100	150	200
2	1.45	1.83	2.07	2.23	2.40	2.65	2.92	3.24	3.81	4.23
5	2.44	2.84	2.94	3.17	3.44	3.75	4.11	4.51	5.23	5.84
10	2.49	3.14	3.58	3.81	4.16	4.44	4.86	5.30	6.18	6.80
25	2.74	3.72	4.18	4.40	4.78	5.07	5.55	6.02	7.00	7.66
50	2.90	3.88	4.33	4.54	4.97	5.27	5.76	6.24	7.24	7.92
100	3.14	4.22	4.71	4.90	5.36	5.68	6.20	6.69	7.75	8.45
200	3.24	4.39	4.88	5.06	5.54	5.86	6.40	6.88	7.94	8.64
500	3.48	4.64	5.11	5.29	5.78	6.10	6.64	7.12	8.18	8.88
1000	3.64	4.80	5.27	5.45	5.94	6.26	6.80	7.28	8.34	9.04
10000	4.84	6.07	7.12	7.30	7.84	8.23	8.96	9.58	10.84	11.82
100000	6.44	8.01	9.16	9.34	9.87	10.27	11.00	11.62	13.18	14.26
PMF	11.11	15.10	16.94	17.80	19.42	20.65	22.41	24.24	28.27	31.00
MEAN	1.574	2.027	2.274	2.434	2.603	2.847	3.134	3.461	4.022	4.392
CLOCK HR. COR.	1.114	1.471	1.654	1.820	1.981	2.180	2.400	2.600	3.000	3.200
CALCULATED SKEW	1.179	1.864	1.623	1.384	1.003	0.784	0.474	0.404	0.117	0.000
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700
KUHTOIS	4.419	6.431	6.106	5.250	4.542	4.114	3.864	3.520	3.470	2.973
RECORD YEAR	1914	1914	1907	1907	1907	1917	1922	1922	1922	1922
RECORD MAXIMUM	3.127	5.211	5.430	5.450	5.831	6.240	7.000	7.450	8.450	9.300
NORMALIZED MAX	2.474	3.655	3.233	3.134	3.084	3.174	3.174	3.086	3.201	2.968
CALC. COEF. VAR	.403	.455	.429	.421	.388	.388	.377	.359	.371	.371
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.399
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.399
MEAN/4	.1162	.1495	.1676	.1745	.1962	.2049	.2311	.2537	.2966	.3273
MP10/4	.1790	.2354	.2642	.2813	.3087	.3272	.3580	.3906	.4559	.5013
MP25/4	.2140	.2862	.3196	.3380	.3664	.3847	.4244	.4601	.5342	.5840
MP50/4	.2490	.3234	.3599	.3789	.4062	.4254	.4710	.5091	.5890	.6415
MP100/4	.2694	.3597	.3951	.4117	.4380	.4564	.5174	.5560	.6412	.6940
MP1000/4	.3414	.4769	.5249	.5451	.5813	.6085	.6803	.7023	.8026	.8626
MP10000/4	.4166	.5500	.6003	.6084	.7054	.7313	.7954	.8394	.9524	1.0159
PMF/4	.6100	1.1135	1.2489	1.3105	1.4324	1.5224	1.6521	1.7471	2.0468	2.2859

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RANGE	LOT	RANGE	LATITUDE	LONGITUDE	COUNTY
020 7714 0	SAN ARDO	440	04	22S	10E	N		36.013	120.900	27
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
	10	20	30	40	50	60	80	100	150	200
2	1.57	1.90	2.19	2.38	2.63	2.75	2.98	3.20	3.84	4.26
5	2.21	2.75	3.15	3.40	3.69	3.89	4.10	4.57	5.32	5.88
10	2.47	3.32	3.79	4.07	4.28	4.61	4.95	5.37	6.23	6.85
25	3.02	3.86	4.40	4.69	4.92	5.27	5.66	6.10	7.05	7.71
50	3.14	4.04	4.59	4.88	5.11	5.48	5.88	6.33	7.30	7.94
100	3.40	4.39	4.98	5.29	5.21	5.90	6.32	6.79	7.81	8.51
200	3.62	4.56	5.16	5.48	5.71	6.09	6.53	7.00	8.05	8.76
500	3.88	5.07	5.73	6.05	6.29	6.68	7.16	7.65	8.76	9.50
1000	4.23	5.58	6.28	6.61	6.85	7.26	7.77	8.27	9.45	10.22
10000	6.12	8.33	9.27	9.63	9.85	10.30	11.01	11.55	13.02	13.47
100000	6.12	8.33	9.27	9.63	9.85	10.30	11.01	11.55	13.02	13.47
PMF	12.03	15.70	17.92	19.05	19.98	21.45	22.86	24.59	28.49	31.21
MEAN	1.708	2.168	2.405	2.594	2.738	2.957	3.198	3.490	4.153	4.469
CLOCK HR. COR.	1.144	1.474	1.640	1.820	1.981	2.100	2.400	2.600	3.000	3.200
CALCULATED SKEW	.350	.066	1.126	1.011	.970	1.349	1.542	1.310	1.344	1.155
REGIONAL SKEW	1.000	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	.900	.800	.700
KUHTOIS	3.041	5.453	5.066	4.167	4.064	6.349	6.767	5.357	5.361	4.663
RECORD YEAR	71	71	71	70	71	71	71	71	70	71
RECORD MAXIMUM	1956	1056	1964	1969	1969	1969	1969	1969	1969	1969
NORMALIZED MAX	2.700	4.080	5.720	6.200	6.730	6.530	6.730	6.730	12.330	13.980
CALC. COEF. VAR	.362	.394	.425	.442	.452	.458	.484	.484	.497	.497
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.399
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.399	.399
MEAN/4	.1457	.1797	.2051	.2212	.2335	.2522	.2727	.2977	.3457	.3811
MP10/4	.2263	.2831	.3232	.3467	.3650	.3932	.4224	.4518	.5314	.5818
MP25/4	.2642	.3462	.3911	.4104	.4300	.4610	.4911	.5194	.6022	.6512
MP50/4	.2998	.3989	.4403	.4670	.4864	.5155	.5569	.5974	.6865	.7471
MP100/4	.3305	.4326	.4663	.4910	.5161	.5401	.5825	.6241	.7105	.7624
MP1000/4	.4243	.5736	.6472	.6714	.6917	.7247	.7793	.8251	.9354	1.0046
MP10000/4	.6221	.7105	.7607	.7814	.8049	.8387	.8850	.9101	1.0311	1.0871
PMF/4	1.0262	1.4391	1.5261	1.6251	1.7044	1.8297	1.9499	2.0972	2.4299	2.6621

PEARSON TYPE III DISTRIBUTION USED

PHOSPHOR MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSH ORDER SUB	STATION NAME	FILE	SEC	TMP	DWG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY
036 212 U	LOCALWOOD CN	303	1104	36	225	ONE	N	45.917	121.083	DE
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	4.672	5.469	6.251	7.018	7.775	8.518	9.247	10.248	11.444	13.133
5	5.666	7.022	8.337	10.208	11.400	12.566	13.698	14.777	15.866	18.110
10	6.733	8.527	10.277	12.277	13.610	14.869	16.227	17.456	18.566	21.144
20	7.773	11.144	13.610	16.148	18.066	19.866	21.439	23.055	24.711	27.711
25	8.144	11.644	14.144	16.775	18.775	20.566	22.166	23.775	25.439	28.866
50	9.444	12.644	15.144	17.775	19.775	21.566	23.227	24.866	26.566	30.144
100	10.444	13.644	16.144	18.775	20.775	22.566	24.227	25.866	27.566	31.444
200	11.444	14.644	17.144	19.775	21.775	23.566	25.227	26.866	28.566	32.444
500	12.444	15.644	18.144	20.775	22.775	24.566	26.227	27.866	29.566	33.444
1000	12.866	16.066	18.566	21.144	23.144	24.966	26.644	28.227	30.066	33.866
10000	15.666	20.066	23.066	26.066	28.066	30.066	32.066	34.066	36.066	38.066
PMF	30.777	45.277	53.277	57.277	61.277	65.277	70.277	75.277	80.277	85.277

MEAN	4.677	5.477	6.257	7.017	7.777	8.517	9.247	10.248	11.444	13.133
CLOCK R. COR.	1.141	1.271	1.401	1.531	1.661	1.791	1.921	2.051	2.181	2.311
CALCULATED SKEW	1.141	1.271	1.401	1.531	1.661	1.791	1.921	2.051	2.181	2.311
REGIONAL SKEW	1.200	1.400	1.600	1.800	2.000	2.200	2.400	2.600	2.800	3.000
SKEW USED	1.210	1.410	1.610	1.810	2.010	2.210	2.410	2.610	2.810	3.010

KURTOSIS	2.597	3.193	4.127	5.758	6.883	7.973	8.485	9.783	13.380	2.965
RECORD MAX	31	31	31	31	31	31	31	31	31	31
RECORD MAXIMUM	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
NORMALIZED MAX	1.963	2.144	2.559	3.124	3.431	3.596	3.761	4.111	4.511	4.861
CALC. COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
USED COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

MEAN	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
RECORD MAX	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
RECORD MAXIMUM	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
NORMALIZED MAX	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALC. COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
USED COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSH ORDER SUB	STATION NAME	FILE	SEC	TMP	DWG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY
040 790 U	HIO SHIP STATE PARK	305	304	195	NONE	M		36.250	121.783	DE
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	4.772	5.469	6.251	7.018	7.775	8.518	9.247	10.248	11.444	13.133
5	5.666	7.022	8.337	10.208	11.400	12.566	13.698	14.777	15.866	18.110
10	6.733	8.527	10.277	12.277	13.610	14.869	16.227	17.456	18.566	21.144
20	7.773	11.144	13.610	16.148	18.066	19.866	21.439	23.055	24.711	27.711
25	8.144	11.644	14.144	16.775	18.775	20.566	22.166	23.775	25.439	28.866
50	9.444	12.644	15.144	17.775	19.775	21.566	23.227	24.866	26.566	30.144
100	10.444	13.644	16.144	18.775	20.775	22.566	24.227	25.866	27.566	31.444
200	11.444	14.644	17.144	19.775	21.775	23.566	25.227	26.866	28.566	32.444
500	12.444	15.644	18.144	20.775	22.775	24.566	26.227	27.866	29.566	33.444
1000	12.866	16.066	18.566	21.144	23.144	24.966	26.644	28.227	30.066	33.866
10000	15.666	20.066	23.066	26.066	28.066	30.066	32.066	34.066	36.066	38.066
PMF	30.144	44.144	52.144	56.144	60.144	64.144	68.144	72.144	76.144	80.144

MEAN	5.128	6.119	7.036	8.117	9.036	9.962	10.886	11.819	13.023	14.744
CLOCK R. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.312	1.740	2.013	1.544	1.352	1.088	0.871	0.734	0.62	0.497
REGIONAL SKEW	1.200	1.400	1.600	1.800	2.000	2.200	2.400	2.600	2.800	3.000
SKEW USED	1.210	1.410	1.610	1.810	2.010	2.210	2.410	2.610	2.810	3.010

KURTOSIS	4.192	6.847	8.672	10.395	11.999	13.626	15.266	16.911	18.566	20.227
RECORD MAX	26	26	26	26	26	26	26	26	26	26
RECORD MAXIMUM	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
NORMALIZED MAX	2.030	2.140	2.250	2.360	2.470	2.580	2.690	2.800	2.910	3.020
CALC. COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
USED COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

MEAN	1.222	1.577	1.795	1.946	2.057	2.220	2.493	2.767	3.102	3.512
RECORD MAX	1.481	2.483	2.829	3.049	3.218	3.477	3.783	4.117	4.489	4.862
RECORD MAXIMUM	1.222	1.577	1.795	1.946	2.057	2.220	2.493	2.767	3.102	3.512
NORMALIZED MAX	1.222	1.577	1.795	1.946	2.057	2.220	2.493	2.767	3.102	3.512
CALC. COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
USED COEF. VAR	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

PEAK-SHAPE TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 5 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNM	LATITUDE	LONGITUDE	COUNTY	CODE
040 7731 0	SEA CLIFF-ELITE DAM	610	23	17S	02E	M		36.4437	121.760	27	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.661	3.32	3.77	4.03	4.24	4.45	5.02	5.44	6.26	7.10	8.62
5	3.67	4.79	5.42	5.75	6.04	6.43	7.06	7.66	8.69	9.79	11.83
10	4.36	5.74	6.53	6.98	7.24	7.62	8.34	8.99	10.17	11.40	13.75
20	5.01	6.73	7.67	7.94	8.32	8.71	9.53	10.21	11.65	12.85	15.46
25	5.27	7.03	7.98	8.25	8.65	9.04	9.86	10.54	11.91	13.24	16.00
40	5.63	7.65	8.64	7.94	8.82	9.75	10.65	11.45	12.75	14.18	17.07
50	5.82	7.94	8.89	8.27	9.65	10.17	11.00	11.71	13.13	14.59	17.56
100	6.42	8.84	9.96	10.24	10.85	11.65	12.60	12.77	14.33	15.83	19.04
200	7.00	9.72	11.01	11.19	11.59	12.00	13.09	13.42	15.08	16.62	20.46
1000	8.32	11.72	12.37	13.34	14.73	14.12	15.39	16.10	17.91	19.62	23.57
10000	10.14	14.51	16.37	16.30	16.67	17.03	18.54	19.31	21.24	23.11	27.73
MMF	14.94	27.35	30.86	32.20	33.63	35.47	40.50	41.12	46.49	52.00	62.23
MEAN/A	2.879	3.672	4.142	4.341	4.534	4.888	5.385	5.836	6.813	7.444	9.026
CLOCK HR. CON.	1.149	1.176	1.093	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGIONAL SKEW	1.210	1.436	1.300	1.200	1.100	1.000	1.000	0.900	0.800	0.700	0.600
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	0.900	0.800	0.700	0.600
KURTOSIS	3.361	3.417	3.114	2.664	2.031	2.044	2.386	2.920	3.093	2.869	3.673
RECORD YEAR	24	24	24	26	26	24	24	24	26	26	26
RECORD MAXIMUM	5.350	6.470	7.050	7.770	8.220	8.700	9.400	11.000	12.520	13.260	17.550
NORMALIZED MAX	1.975	1.855	1.831	1.821	1.819	1.827	1.926	2.333	2.357	2.147	2.512
CALC. COEF. VAR	0.451	0.440	0.455	0.422	0.403	0.382	0.387	0.386	0.374	0.364	0.385
REGN. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.394	0.393
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.394	0.393
MEAN/A	1.1332	1.1729	1.1950	1.2067	1.2182	1.2301	1.2535	1.2747	1.3113	1.3504	1.4249
HP10/A	0.2052	0.2722	0.3073	0.3240	0.3407	0.3588	0.3928	0.4230	0.4780	0.5368	0.6575
HP25/A	0.2453	0.3310	0.3718	0.3943	0.4074	0.4267	0.4658	0.4982	0.5503	0.6254	0.7533
HP50/A	0.2742	0.3745	0.4186	0.4304	0.4359	0.4741	0.5177	0.5513	0.6184	0.6870	0.8268
RP100/A	0.3023	0.4150	0.4603	0.4822	0.5014	0.5207	0.5674	0.6022	0.6732	0.7453	0.8964
RP1000/A	0.3817	0.5514	0.6104	0.6270	0.6453	0.6850	0.7244	0.7600	0.8426	0.9238	1.1096
RP10000/A	0.4775	0.6837	0.7518	0.7675	0.7844	0.8181	0.8726	0.9091	0.9994	1.0879	1.3056
MMF/A	0.9385	1.4278	1.4528	1.5185	1.5925	1.6694	1.8125	1.9356	2.1487	2.4479	2.9247

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNM	LATITUDE	LONGITUDE	COUNTY	CODE
E20 5495 0	MT TAMALPAIS 1 S	990						37.417	122.547	21	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	3.34	4.49	5.05	5.58	6.00	6.47	7.44	8.2	9.69	11.46	14.03
5	4.71	6.38	7.30	8.00	8.57	9.22	10.49	11.46	13.47	15.92	19.40
10	5.62	7.77	8.96	9.05	10.24	11.45	12.45	13.51	15.83	18.69	22.73
20	6.44	9.12	11.35	11.22	11.90	12.70	14.27	15.42	17.98	21.21	25.78
25	6.75	9.55	11.83	11.72	12.41	13.33	14.84	16.01	18.64	21.99	26.71
40	7.31	10.44	11.81	12.74	13.46	14.46	15.12	17.21	19.99	23.58	28.63
50	7.57	10.86	12.27	13.22	13.96	14.89	16.55	17.77	20.42	24.32	29.52
100	8.37	12.15	13.69	14.70	15.40	16.40	18.20	19.47	22.52	26.55	32.21
200	9.16	13.43	15.10	16.15	16.94	18.18	19.81	21.12	24.36	28.71	34.81
1000	10.94	16.37	18.30	19.45	20.28	21.76	23.43	24.81	28.44	33.51	40.59
10000	13.42	21.51	22.80	24.38	25.94	26.74	28.41	29.05	33.39	40.02	48.63
MMF	25.72	36.84	41.95	45.29	48.05	51.88	57.44	61.85	72.34	85.09	102.71
MEAN/A	1.650	4.946	5.633	6.166	6.593	7.094	8.034	8.779	10.293	12.180	14.099
CLOCK HR. CON.	1.140	1.170	1.043	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.222	0.988	0.793	0.715	0.721	0.647	0.827	0.963	0.682	0.377	0.641
REGIONAL SKEW	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.800
SKEW USED	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.800
KURTOSIS	3.673	3.629	2.803	2.774	2.757	2.634	3.194	4.413	3.750	2.216	2.529
RECORD YEAR	20	20	20	20	20	20	20	20	20	20	20
RECORD MAXIMUM	1967	1967	1963	1963	1967	1951	1967	1967	1967	1967	1951
NORMALIZED MAX	6.150	9.210	10.270	11.560	11.560	12.240	15.210	18.200	19.990	19.990	25.590
CALC. COEF. VAR	1.813	2.094	1.893	1.907	1.822	1.896	2.286	2.677	2.528	1.839	1.944
REGN. COEF. VAR	0.367	0.411	0.437	0.435	0.415	0.395	0.390	0.403	0.401	0.369	0.345
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393
MEAN/A	0.9910	1.1232	1.1403	1.1537	1.1640	1.1768	1.2002	1.2188	1.2504	1.3035	1.3712
HP10/A	0.1401	0.1937	0.2208	0.2405	0.2563	0.2756	0.3103	0.3369	0.3944	0.4657	0.5605
HP25/A	0.1682	0.2370	0.2698	0.2919	0.3093	0.3293	0.3698	0.3869	0.4645	0.5480	0.6557
HP50/A	0.1867	0.2705	0.3058	0.3255	0.3478	0.3735	0.4224	0.4402	0.5139	0.5961	0.7167
RP100/A	0.2087	0.3028	0.3412	0.3663	0.3853	0.4136	0.4536	0.4853	0.5612	0.6617	0.8026
RP1000/A	0.2726	0.4079	0.4561	0.4848	0.5055	0.5423	0.5838	0.6183	0.7087	0.8349	1.0113
RP10000/A	0.3344	0.5111	0.5662	0.5999	0.6215	0.6665	0.7079	0.7446	0.8469	0.9973	1.2070
MMF/A	0.6468	0.9181	1.0453	1.1289	1.1975	1.2599	1.4315	1.5812	1.8026	2.1201	2.5594

PEAKSTON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

STATION NO.		STATION NAME		ELV	SFC	TMP	WNG	LDT	HMM	LATITUDE	LONGITUDE	COUNTY
H5N ORDER SUB												CODE
E20	7880	8	SAN RAFAEL	25	024	06W	M	37.474	122.595	21		

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
C	3.47	5.00	5.57	6.01	6.53	7.77	7.97	8.89	10.55	11.96	14.32	21.03	36.48	
10	5.45	7.25	8.05	8.62	9.34	10.07	11.24	12.43	14.68	16.41	19.79	29.00	47.58	
20	6.51	8.43	9.77	10.39	11.19	12.07	13.34	14.87	17.23	19.50	23.20	33.87	54.00	
30	7.51	10.35	11.42	12.08	12.90	13.46	15.29	16.7	19.60	22.13	26.30	38.25	59.62	
40	7.82	10.84	11.94	12.61	13.51	14.55	15.90	17.36	20.32	22.94	27.20	39.61	61.31	
50	8.47	11.85	13.02	13.72	14.65	15.76	16.19	18.67	21.74	24.41	29.22	42.36	64.73	
60	9.17	12.77	13.93	14.63	15.62	16.73	17.3	19.84	22.43	25.38	30.12	43.63	66.36	
100	9.70	13.00	15.10	15.82	16.83	18.12	19.50	21.12	24.55	27.80	32.87	47.46	76.97	
200	10.61	15.25	16.84	17.34	19.43	19.84	21.22	22.91	26.55	29.95	35.52	51.14	75.40	
1000	12.67	16.59	20.18	20.94	22.08	23.75	25.10	26.91	31.00	34.98	41.41	59.29	84.98	
10000	15.54	23.29	25.14	25.92	27.14	29.10	30.43	32.34	37.03	41.78	49.42	70.27	97.57	
FMP	20.74	41.84	46.25	47.76	52.30	56.19	61.54	67.08	78.85	84.77	104.81	153.30	224.35	
MEAN	4.227	5.416	6.208	6.638	7.165	7.745	8.607	9.522	11.215	12.769	15.200	22.185	37.517	
CLOCK HR. COV.	1.140	1.170	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	
CALCULATED SKEW	1.500	1.243	1.089	1.062	1.042	1.01	1.391	1.012	1.421	1.445	1.805	1.721	1.335	
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.900	1.900	1.800	1.800	1.500	
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.900	1.900	1.800	1.800	1.500	

KURTOSIS	6.800	4.820	4.775	4.298	3.881	2.584	2.637	2.430	2.529	2.387	2.804	2.768	2.608	
R	28	28	28	28	28	28	28	28	28	28	28	28	28	
RECORD YEAR	1964	1981	1981	1981	1981	1981	1981	1914	1914	1878	1914	1878	1914	
RECORD MAXIMUM	8.170	10.440	11.780	12.720	12.720	14.580	15.390	20.110	23.180	29.530	45.560	61.130		
NORMALIZED MAX	2.120	2.467	2.694	2.760	2.944	2.923	2.992	1.85	2.087	2.037	2.139	2.296	2.028	
CALC. COEF. VAR	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	
REGION. COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399	1.393	1.394	1.332	
USED COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399	1.393	1.394	1.332	
MEAN/A	1.127	1.147	1.055	1.064	1.010	1.004	1.2294	1.2538	1.2990	1.3387	1.4052	1.5913	1.0000	
NP10/A	1.1755	1.2352	1.2603	1.2770	1.2984	1.3217	1.3555	1.3909	1.4599	1.5197	1.6183	1.9027	1.4393	
NP25/A	1.2084	1.2889	1.3181	1.3362	1.3601	1.3878	1.4237	1.4627	1.5415	1.6118	1.7266	1.9557	1.4342	
NP50/A	1.217	1.3286	1.3608	1.3794	1.4048	1.4360	1.4725	1.5138	1.5992	1.6784	1.8029	1.9189	1.7672	
NP100/A	1.2585	1.3678	1.4224	1.4218	1.4485	1.4829	1.5197	1.5630	1.6544	1.7384	1.8760	1.9491	1.9171	
NP1000/A	1.3377	1.4454	1.5378	1.5503	1.5884	1.6330	1.6910	1.7173	1.8263	1.9181	1.9103	1.9502	2.2652	
NP10000/A	1.4141	1.6267	1.6701	1.6946	1.7235	1.7770	1.8111	1.8531	1.9875	1.9131	1.9174	1.9731	2.6007	
FMP/A	7.937	1.1152	1.2327	1.2990	1.3441	1.4770	1.5443	1.7681	2.1017	2.3861	2.7935	4.0862	5.9800	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.		STATION NAME		ELV	SFC	TMP	WNG	LDT	HMM	LATITUDE	LONGITUDE	COUNTY
H5N ORDER SUB												CODE
E20	8351	0	SINDOLIA	20	17	05N	05W	C	M	38.280	122.440	44

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.63	3.46	3.97	4.41	4.83	5.16	5.98	6.62	7.70	8.40	10.00	15.12	27.92	
5	3.70	5.01	5.75	6.32	6.90	7.38	8.31	9.26	10.72	11.94	13.92	20.05	38.42	
10	4.42	6.10	6.97	7.62	8.28	8.81	9.87	10.93	12.60	14.02	16.31	24.35	41.32	
20	5.10	7.16	8.15	8.86	9.59	10.19	11.31	12.46	14.31	15.91	18.49	27.51	45.63	
30	5.31	7.49	8.52	9.25	9.94	10.63	11.78	12.93	14.83	16.49	19.18	28.48	46.92	
40	5.75	8.19	9.30	10.07	10.84	11.52	12.68	13.91	15.91	17.69	20.54	30.46	49.54	
50	5.96	8.52	9.68	10.45	11.24	11.94	13.11	14.36	16.41	18.24	21.16	31.37	50.74	
100	6.50	9.54	10.78	11.61	12.45	13.23	14.42	15.73	17.93	19.91	23.11	34.12	54.31	
200	7.21	10.54	11.88	12.76	13.64	14.49	15.70	17.07	19.39	21.53	24.97	36.77	57.70	
1000	8.61	12.89	14.41	15.37	16.33	17.36	18.56	20.05	22.64	25.13	29.11	42.63	68.04	
10000	10.56	16.09	17.95	19.42	20.68	21.31	22.51	24.12	27.05	30.02	34.74	50.53	74.67	
FMP	20.23	28.91	33.02	36.78	39.69	41.03	45.52	49.97	57.57	63.81	73.68	110.24	171.70	
MEAN	2.472	3.881	4.432	4.871	5.301	5.656	6.386	7.094	8.189	9.135	10.686	15.953	28.712	
CLOCK HR. COV.	1.141	1.170	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	
CALCULATED SKEW	1.390	1.240	1.089	1.062	1.042	1.01	1.391	1.012	1.421	1.445	1.805	1.721	1.335	
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.900	1.900	1.800	1.800	1.500	
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.900	1.900	1.800	1.800	1.500	
KURTOSIS	2.298	4.887	3.112	3.025	2.938	2.842	2.836	3.011	2.544	2.538	3.084	2.933	3.803	
R	53	54	54	54	55	54	54	55	55	55	55	55	55	
RECORD YEAR	1963	1963	1963	1963	1956	1956	1941	1941	1941	1941	1941	1941	1941	
RECORD MAXIMUM	4.390	7.650	8.270	8.780	9.290	10.240	11.150	13.100	15.580	18.250	20.860	30.200	52.700	
NORMALIZED MAX	1.768	3.068	2.900	2.712	2.477	2.437	2.719	2.473	2.358	2.687	2.717	2.948		
CALC. COEF. VAR	1.297	1.317	1.299	1.296	1.304	1.310	1.331	1.336	1.365	1.330	1.322	1.329	1.279	
REGION. COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399	1.393	1.394	1.332	
USED COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399	1.393	1.394	1.332	
MEAN/A	1.000	1.152	1.1544	1.1694	1.1840	1.1976	1.2217	1.2471	1.2852	1.3182	1.3722	1.5556	1.0000	
NP10/A	1.2124	1.2420	1.2658	1.2864	1.3070	1.3286	1.3507	1.3734	1.4069	1.4414	1.4769	1.5330	1.4300	
NP25/A	1.2550	1.2809	1.2968	1.3127	1.3287	1.3447	1.3607	1.3767	1.4025	1.4284	1.4543	1.4802	1.4300	
NP50/A	1.2975	1.2967	1.3035	1.3103	1.3171	1.3239	1.3307	1.3375	1.3443	1.3511	1.3579	1.3647	1.3715	
NP100/A	1.2294	1.3221	1.3754	1.4064	1.4336	1.4607	1.5024	1.5440	1.6243	1.6938	1.8047	1.1885	1.8917	
NP1000/A	1.2998	1.4477	1.5018	1.5153	1.5289	1.5424	1.5560	1.5696	1.5832	1.5968	1.6104	1.6240	2.2652	
NP10000/A	1.3678	1.5805	1.6252	1.6424	1.6594	1.6764	1.6934	1.7104	1.7274	1.7444	1.7614	1.7784	2.6007	
FMP/A	7.044	1.0070	1.1501	1.2460	1.3477	1.4291	1.5852	1.7405	2.0051	2.2224	2.5881	3.8393	5.9800	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	FLV	SEC	TMP	RNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE
E30 212 0	ANUWIN PACIFIC UNION C-1	1815	05	080	05W	K	M	34.571	122.445
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	4.12	5.52	6.52	7.10	7.67	8.02	9.27	10.10	11.58
5	5.41	7.09	8.43	9.24	10.43	11.42	13.06	14.21	16.12
10	6.93	9.73	11.44	12.34	13.14	13.69	15.21	16.76	18.94
20	8.00	11.42	13.37	14.41	15.21	15.84	17.78	19.11	21.51
25	8.33	11.95	13.98	14.94	15.76	16.51	18.48	19.84	22.31
30	8.62	12.07	14.29	15.26	16.07	16.83	18.83	20.19	22.68
40	9.74	13.53	15.84	16.77	17.63	18.50	20.61	22.03	24.67
50	10.33	15.21	17.68	18.67	19.75	20.55	22.67	24.14	26.95
100	11.30	16.87	19.49	20.73	21.64	22.51	24.67	26.18	29.14
1000	13.50	21.49	23.03	24.38	25.91	26.74	29.18	30.75	34.03
10000	16.55	26.68	28.44	29.71	31.46	33.11	35.39	37.01	40.65
PMP	31.72	46.13	54.16	58.14	61.39	63.75	71.54	76.66	86.55

MEAN	4.543	6.193	7.264	7.916	8.410	8.787	10.006	11.081	12.311
CLOCK HR. COV.	1.143	1.170	1.260	1.280	1.310	1.310	1.000	1.000	1.000
CALCULATED SKEW	+3.16	+2.65	1.155	1.441	1.476	2.175	1.987	1.433	+9.94
REGIONAL SKEW	1.100	1.000	1.500	1.500	1.500	1.500	1.000	1.000	+9.00
SKEW USED	1.400	1.400	1.500	1.400	1.300	1.300	1.100	1.000	+9.00

KURTOSIS	2.814	3.365	4.612	6.702	8.077	9.608	9.211	8.321	4.062
RECORU LEAN	1943	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.400	11.421	15.330	18.550	22.450	24.500	26.380	28.480	31.550
NORMALIZED MAX	1.412	1.776	2.521	3.401	3.821	3.809	3.106	2.681	2.469
CALC. COEF. VAR	+3.66	+2.7	+4.40	+4.77	+5.03	+5.13	+4.65	+4.53	+4.42
REGION. COEF. VAR	+4.03	+4.30	+4.30	+4.23	+4.21	+4.17	+4.10	+4.03	+3.99
USED COEF. VAR	+4.03	+4.31	+4.30	+4.23	+4.21	+4.17	+4.10	+4.03	+3.99

MEAN/A	1.111	1.515	1.778	1.936	2.057	2.149	2.248	2.262	3.011
COV/A	1.156	1.239	1.278	1.301	1.321	1.334	1.370	1.409	1.632
W25/A	2.217	2.724	3.419	3.874	4.371	4.838	5.455	6.064	7.389
W50/A	2.285	3.325	3.876	4.152	4.361	4.539	4.841	5.306	6.928
W100/A	2.527	3.721	4.324	4.616	4.832	5.027	5.545	5.904	6.592
RP1000/A	3.201	5.013	5.780	6.119	6.334	6.589	7.137	7.402	8.324
RP10000/A	4.649	7.261	8.201	8.600	8.788	8.810	8.854	9.051	9.947
PMP/A	7.760	11.265	13.247	14.222	15.014	15.543	17.500	18.751	21.170

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	FLV	SEC	TMP	RNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE
E30 372 0	ATLAS ROAD	1800	25	07N	04W	G	M	38.427	122.248
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	3.68	4.78	5.55	5.97	6.44	6.88	7.73	8.45	9.85
5	4.18	6.92	8.03	8.57	9.26	9.81	10.86	11.80	13.72
10	6.19	8.43	9.74	10.34	11.11	11.76	12.89	13.93	16.12
20	7.14	9.69	11.39	12.02	12.89	13.60	14.78	15.88	18.31
25	7.43	10.35	11.90	12.55	13.41	14.16	15.37	16.49	18.98
40	8.05	11.32	12.98	13.65	14.54	15.37	16.65	17.73	20.36
50	8.34	11.78	13.49	14.10	15.07	15.93	17.14	18.31	21.00
100	9.22	13.19	15.05	15.74	16.70	17.65	18.85	20.06	22.93
200	10.09	14.57	16.59	17.30	18.29	19.33	20.51	21.76	24.80
1000	12.05	17.75	20.12	20.84	21.90	23.14	24.26	25.55	28.96
10000	14.78	22.25	25.06	25.79	26.93	28.43	29.41	30.75	34.61
PMP	28.32	39.97	46.10	48.51	51.49	54.74	59.48	63.71	73.66

MEAN	4.020	5.365	6.188	6.634	7.109	7.545	8.319	9.043	10.477
CLOCK HR. COV.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	1.555	2.187	1.721	1.750	1.704	1.704	1.460	1.277	1.449
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	+9.00
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	+9.00

KURTOSIS	5.158	7.444	6.437	5.950	7.322	8.144	8.121	7.029	4.631
RECORU LEAN	23	23	23	23	23	23	23	23	23
RECORD MAXIMUM	19.63	1963	1963	1956	1956	1956	1956	1956	1956
NORMALIZED MAX	2.027	2.764	2.830	2.834	3.139	3.306	3.374	3.248	2.795
CALC. COEF. VAR	+4.49	+5.53	+4.12	+4.61	+4.82	+4.93	+4.46	+4.27	+4.14
REGION. COEF. VAR	+4.03	+4.30	+4.30	+4.23	+4.21	+4.17	+4.10	+4.03	+3.99
USED COEF. VAR	+4.03	+4.30	+4.30	+4.23	+4.21	+4.17	+4.10	+4.03	+3.99

MEAN/A	1.111	1.481	1.708	1.823	1.962	2.083	2.294	2.496	2.892
COV/A	1.176	1.237	1.267	1.284	1.306	1.324	1.359	1.384	1.449
W25/A	2.252	2.658	3.284	3.464	3.700	3.913	4.241	4.551	5.239
W50/A	2.305	3.251	3.723	3.949	4.166	4.398	4.730	5.053	5.796
W100/A	2.542	3.638	4.156	4.345	4.608	4.971	5.262	5.56	6.330
RP1000/A	3.325	4.901	5.552	5.752	6.046	6.300	6.704	7.054	7.984
RP10000/A	4.679	6.141	6.918	7.118	7.434	7.849	8.119	8.688	9.552
PMP/A	7.717	11.032	12.716	13.339	14.324	15.109	16.311	17.584	20.291

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. H5N ORDER SUR E30 1312 0	STATION NAME CALISTOGA	ELF V 435	SEC 364	TMP 36	PNG LOT JUN	HMM 07W K	M M	LATITUDE 34.584	LONGITUDE 122.543	COUNTY CODE 28			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1x50
2	3.86	4.69	5.00	5.11	5.74	7.17	8.32	9.12	10.92	11.76	13.42	20.08	36.45
5	5.43	7.02	7.10	7.78	9.63	10.22	11.72	12.75	14.74	16.33	19.24	27.70	47.55
10	6.49	8.54	8.92	11.37	11.38	12.25	13.92	15.15	17.36	18.18	22.55	32.34	53.95
20	7.48	11.02	11.44	12.26	13.34	14.17	15.95	17.16	19.72	21.77	25.57	36.54	59.57
25	7.74	11.47	12.00	12.82	13.45	14.77	16.54	17.81	20.45	22.56	26.50	37.82	61.26
50	8.64	11.67	12.09	13.25	13.13	14.29	16.49	18.15	21.93	24.70	29.40	40.45	64.68
100	8.74	11.93	12.40	13.47	13.08	14.40	16.50	19.73	22.62	24.96	29.28	41.66	66.25
150	9.46	13.36	13.14	14.09	13.37	14.38	17.34	21.67	27.25	31.35	45.32	70.91	
200	10.57	14.76	16.74	17.68	14.03	20.13	22.14	23.51	26.72	29.46	44.53	48.84	75.33
1000	12.62	17.99	26.24	21.30	22.79	24.16	28.18	27.01	31.29	34.38	44.26	54.61	84.92
10000	15.44	22.54	25.24	26.35	26.03	26.62	31.75	31.22	37.28	41.07	46.05	67.11	97.49
HMP	20.64	41.50	46.50	49.58	54.00	57.62	64.20	64.80	79.35	87.30	131.88	146.39	225.17

MEAN	4.212	5.437	6.242	6.750	7.394	7.860	8.979	9.769	11.287	12.499	14.776	21.186	37.487
CLOCK MR. COR.	1.140	1.270	1.040	1.020	1.111	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.135	1.196	1.073	0.839	0.741	0.742	0.667	0.560	0.392	0.595	0.769	0.559	0.273
REGIONAL SKEW	1.380	1.600	1.500	1.460	1.410	1.300	1.100	1.000	0.900	0.900	0.800	0.500	0.500
SKEW USED	1.380	1.600	1.500	1.460	1.380	1.300	1.100	1.000	0.900	0.900	0.800	0.500	0.500

KURTOSIS	5.244	4.678	4.328	3.728	3.180	3.091	3.706	2.844	2.225	2.687	3.673	2.833	2.534
N	79	73	71	74	74	79	79	73	73	79	79	79	78
RECORD YEAR	1214	1014	914	1414	1914	1914	1906	1909	1909	1909	1914	1914	1938
RECORD MAXIMUM	0.161	12.77	13.840	14.540	14.920	14.920	19.400	20.000	21.641	24.740	33.140	43.760	66.430
NORMALIZED MAX	3.193	3.007	3.178	3.076	2.927	2.941	3.006	2.722	2.338	2.510	3.003	2.705	2.495
CALC. COEF. VAR	0.390	0.394	0.383	0.376	0.373	0.374	0.394	0.384	0.391	0.392	0.388	0.383	0.311
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332

MEAN/A	0.1124	0.1450	0.1685	0.1801	0.1973	0.2097	0.2395	0.2606	0.3011	0.3334	0.3942	0.5652	1.0000
RP100/A	0.1730	0.2279	0.2620	0.2817	0.3083	0.3268	0.3712	0.4014	0.4632	0.5115	0.6016	0.8827	1.4393
RP25/A	0.1778	0.2794	0.3202	0.3475	0.3757	0.3975	0.4551	0.4751	0.5454	0.6019	0.7049	1.0090	1.6332
RP50/A	0.2031	0.3184	0.3620	0.4061	0.4483	0.4728	0.5334	0.5276	0.6035	0.6557	0.7812	1.1114	1.7672
RP100/A	0.2478	0.3653	0.4050	0.4292	0.4355	0.4904	0.5427	0.5781	0.6590	0.7268	0.8523	1.2089	1.8917
RP1000/A	0.3369	0.4900	0.5412	0.6091	0.6630	0.6945	0.7365	0.8322	0.9172	1.0739	1.5103	2.2652	
RP10000/A	0.4131	0.6114	0.6743	0.7636	0.7777	0.7902	0.8469	0.8662	0.9945	1.2817	1.7901	2.6002	
PMP/A	0.7816	1.4005	1.4405	1.5225	1.4405	1.5212	1.7127	1.8359	2.1167	2.3289	2.7178	3.4953	5.9860

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. H5N ORDER SUB E30 5333 0	STATION NAME MAHE ISLAND-NAVY YARD		ELF V 62	SEC n34	TMP n34	PNG LOT n34	HMM M	LATITUDE 34.110	LONGITUDE 122.270	COUNTY CODE 08			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.99	2.45	2.67	2.12	3.32	3.79	4.29	4.64	5.49	6.12	7.22	10.44	18.72
5	2.81	3.54	3.87	4.48	4.74	5.40	6.05	6.48	7.64	8.50	9.98	14.40	24.41
10	3.35	4.31	4.69	5.41	5.64	6.48	7.18	7.65	8.98	9.97	11.69	16.82	27.70
20	3.86	5.06	5.44	6.29	6.59	7.49	8.23	8.72	10.20	11.32	13.26	19.00	30.57
25	4.02	5.30	5.73	6.56	6.87	7.81	8.56	9.05	10.58	11.74	13.74	19.67	31.45
40	4.36	5.79	6.25	7.14	7.45	8.47	8.72	9.73	11.35	12.59	14.73	21.04	33.21
50	4.51	6.03	6.50	7.41	7.72	8.78	9.55	10.05	11.70	12.98	15.19	21.67	34.01
100	4.99	6.75	7.25	8.23	8.54	9.72	10.50	11.01	12.78	14.17	16.57	23.57	36.41
200	5.46	7.46	7.94	9.05	9.37	10.65	11.43	11.94	13.82	15.32	17.90	25.40	38.68
1000	6.52	9.09	9.69	10.90	11.23	12.75	13.51	14.03	16.14	17.88	20.88	29.44	43.60
10000	7.99	11.39	12.08	13.48	13.80	15.67	16.39	16.88	19.28	21.36	24.92	34.90	50.06
HMP	15.32	2.46	22.21	25.37	26.54	30.16	33.14	34.97	41.04	45.41	52.83	76.13	115.10

MEAN	2.175	2.740	2.982	3.454	3.643	4.157	4.634	4.964	5.839	6.501	7.663	11.018	19.248
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.140	1.584	1.307	1.308	1.141	1.033	0.811	0.762	0.879	0.988	0.988	0.807	0.493
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.800	0.500	0.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.800	0.500	0.500

KURTOSIS	3.592	6.694	9.975	5.546	4.549	3.691	3.348	2.804	3.959	3.583	4.092	2.930	2.274
N	33	34	33	34	32	33	34	33	34	34	34	34	36
RECORD YEAR	1956	1963	1963	1963	1963	1972	1956	1972	1956	1972	1972	1972	1956
RECORD MAXIMUM	3.866	6.750	8.280	8.610	8.610	8.790	10.370	10.130	14.000	14.900	18.210	21.660	33.420
NORMALIZED MAX	2.038	3.154	3.754	3.196	2.477	2.388	2.647	2.301	2.973	2.869	2.965	2.270	1.989
CALC. COEF. VAR	0.378	0.462	0.473	0.467	0.458	0.468	0.468	0.452	0.470	0.450	0.464	0.416	0.370
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332

MEAN/A	0.1130	0.1427	0.1549	0.1794	0.1693	0.2146	0.2408	0.2574	0.3033	0.3378	0.3981	0.5724	1.0000
RP10/A	0.1740	0.2242	0.2437	0.2809	0.2957	0.3365	0.3732	0.3972	0.4666	0.5182	0.6076	0.8738	1.4393
RP25/A	0.2090	0.2753	0.2979	0.3409	0.3669	0.4058	0.4447	0.4702	0.5495	0.6098	0.7139	1.0219	1.6342
RP50/A	0.2344	0.3132	0.3376	0.3848	0.4112	0.4561	0.5000	0.5221	0.6080	0.6745	0.7890	1.1256	1.7672
RP100/A	0.2592	0.3505	0.3677	0.4277	0.4445	0.5111	0.5455	0.5721	0.6840	0.7364	0.8668	1.1891	1.8917
RP1000/A	0.3187	0.4721	0.5035	0.5661	0.5832	0.6622	0.7021	0.7269	0.8384	0.9292	1.0847	1.5297	2.2652
RP10000/A	0.4154	0.5916	0.6274	0.7006	0.7171	0.8139	0.8513	0.8771	1.0019	1.1099	1.2945	1.8131	2.6002
PMP/A	0.7961	1.4628	1.4541	1.5317	1.3817	1.5668	1.7216	1.8170	2.1325	2.3594	2.7450	3.9554	5.9860

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER NO.	STATION NAME	ELEV	SFC	T&P	ANG	LOT	ARM	LATITUDE	LONGITUDE	COUNTY	CODE
E30 4674 0	NAPA STATE HOSPITAL	73	14	054	044	J	N	38+27R	122+244	58	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.14	2.76	3.26	3.63	4.03	4.39	4.95	5.44	6.37	7.09	8.41
5	3.61	4.00	4.71	5.21	5.75	6.13	6.97	7.65	8.87	9.85	11.62
10	4.66	4.87	5.71	6.24	6.94	7.35	8.28	9.03	10.42	11.56	13.62
20	4.15	5.71	6.05	7.31	7.97	8.48	9.40	10.30	11.83	13.12	15.45
25	4.77	5.99	7.63	8.23	8.84	9.48	10.87	11.69	12.27	13.61	16.01
40	4.68	6.53	7.62	8.30	9.04	9.61	10.65	11.51	13.16	14.59	17.16
50	4.85	6.80	7.92	8.61	9.37	9.96	11.00	11.87	13.57	15.05	17.69
100	4.46	7.61	8.85	9.56	10.34	11.03	12.10	13.01	14.62	16.43	19.30
200	5.46	8.41	9.74	10.52	11.37	12.11	13.17	14.11	15.76	17.76	20.40
1000	7.00	11.25	11.60	12.67	13.61	14.46	15.58	16.57	18.72	20.73	24.32
10000	8.59	12.84	14.71	15.68	16.74	17.77	18.89	19.94	22.37	24.76	29.02
PMF	16.46	23.07	27.05	29.50	32.25	34.21	38.20	41.31	47.61	52.64	61.54
MEAN	2.336	3.094	3.632	4.017	4.414	4.715	5.342	5.466	6.773	7.536	8.920
CLOCK HR. CUP	1.147	1.77	1.046	1.620	1.011	1.010	1.060	1.060	1.201	1.000	1.000
CALCULATED SKEW	1.246	2.442	1.600	1.430	1.294	1.213	1.094	1.113	1.233	1.163	1.210
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
KURTOSIS	5.141	15.324	8.721	6.772	5.470	5.437	4.307	3.442	2.555	2.444	2.560
N	75	75	75	75	75	75	75	75	75	75	75
RECORD YEAR	1963	1963	1963	1963	1963	1964	1956	1956	1956	1956	1941
RECORD MAXIMUM	4.766	9.324	11.600	11.430	10.370	11.300	12.000	12.400	13.233	11.163	17.210
NORMALIZED MAX	2.436	5.150	4.445	4.004	3.534	3.738	3.456	3.096	2.487	2.336	2.516
CALC. COEF. VAR	.351	.348	.372	.375	.391	.377	.373	.374	.383	.376	.373
REGION. COEF. VAR	.403	.430	.430	.423	.423	.417	.410	.403	.402	.399	.393
USED COEF. VAR	.403	.430	.430	.423	.423	.417	.410	.403	.402	.399	.393
MEAN/A	.0984	.1309	.1535	.1689	.1840	.1993	.2254	.2479	.2861	.3186	.3774
HF10/A	.1521	.2057	.2414	.2758	.2919	.3184	.3500	.3818	.4405	.4888	.5759
HF25/A	.1197	.2057	.2952	.3227	.3522	.3746	.4171	.4520	.5187	.5752	.6767
HF50/A	.2049	.2874	.3366	.3642	.3961	.4210	.4652	.5019	.5739	.6362	.7476
HF100/A	.2266	.3210	.3734	.4068	.4387	.4662	.5117	.5490	.6268	.6946	.8159
RF1000/A	.2760	.4337	.4990	.5750	.6112	.6566	.7016	.7416	.8764	1.0281	1.4570
RF10000/A	.3631	.5424	.6718	.6631	.7077	.7512	.7985	.8431	.9458	1.0469	1.2720
PMF/A	.6954	.9752	1.1438	1.2474	1.3036	1.4441	1.6148	1.7466	2.0130	2.2255	2.6017

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER NO.	STATION NAME	ELEV	SFC	T&P	ANG	LOT	ARM	LATITUDE	LONGITUDE	COUNTY	CODE
E30 4351 0	OAKVILLE TOWN	145	41	074	054	G	M	38+44W	122+419	28	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	3.65	4.79	5.46	5.90	6.43	6.88	7.99	8.64	9.99	11.35	13.38
5	5.14	6.94	7.89	8.47	9.18	9.61	11.26	12.07	13.91	15.76	18.03
10	6.13	8.45	9.58	10.21	11.01	11.76	13.37	14.24	16.34	18.50	21.69
20	7.07	9.37	11.19	11.87	12.78	13.60	15.32	16.04	18.50	21.00	24.99
25	7.37	11.30	11.70	12.39	13.29	14.18	15.93	16.66	19.24	21.77	25.48
40	7.94	11.35	12.77	13.40	14.42	15.37	16.23	18.13	20.64	23.15	27.31
50	8.28	11.61	13.27	13.99	14.95	15.93	17.77	18.72	21.27	24.08	28.48
100	9.14	13.22	14.40	15.55	16.50	17.55	19.54	20.51	23.25	26.29	30.73
200	9.99	14.61	16.32	17.08	18.14	19.33	21.27	22.25	25.15	28.43	33.20
1000	11.94	17.81	19.76	20.58	21.72	23.14	25.15	26.14	29.36	33.18	38.72
10000	14.64	22.31	24.55	25.47	26.71	28.43	30.50	31.45	35.69	39.63	46.21
PMF	26.06	42.08	45.35	47.31	51.40	54.74	61.67	65.16	74.69	85.24	97.96
MEAN	3.983	5.388	6.087	6.522	7.050	7.545	8.625	9.249	10.624	12.040	14.210
CLOCK HR. CUP	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.4037	1.129	.972	1.621	1.428	1.701	1.600	1.529	.624	.326	.303
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
KURTOSIS	4.966	4.274	4.402	6.780	8.758	8.002	6.876	7.127	4.029	2.895	3.560
N	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1954	1954	1963	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.550	9.100	10.290	13.510	16.100	16.690	18.220	19.230	19.990	20.780	25.340
NORMALIZED MAX	2.106	2.620	2.309	2.999	3.375	3.303	3.163	3.223	2.672	2.256	2.492
CALC. COEF. VAR	.304	.332	.299	.405	.430	.367	.352	.335	.330	.321	.314
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393
MEAN/A	.1163	.1571	.1777	.1944	.2058	.2203	.2518	.2701	.3102	.3521	.4149
HF10/A	.1790	.2469	.2796	.2981	.3210	.3433	.3903	.4159	.4771	.5402	.6332
HF25/A	.2151	.3132	.3417	.3616	.3881	.4133	.4651	.4923	.5619	.6357	.7440
HF50/A	.2413	.3448	.3873	.4059	.4369	.4652	.5217	.5503	.6217	.7012	.8122
HF100/A	.2668	.3859	.4322	.4539	.4836	.5152	.5755	.5990	.6790	.7676	.8971
RF1000/A	.3485	.5199	.5776	.6008	.6342	.6755	.7344	.7631	.8574	.9686	1.1304
RF10000/A	.4275	.6514	.7197	.7435	.7748	.8302	.8904	.9183	1.0246	1.1570	1.3441
PMF/A	.8193	1.1703	1.3240	1.3987	1.5026	1.5982	1.8006	1.9024	2.1800	2.4595	2.8608

PEARSON TYPE III DISTRIBUTION USED

POTENTIAL MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STATIONARY DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV FATH	SEC IN	TMP IN	WNG LOT IN	WMM IN	LATITUDE N	LONGITUDE W	COUNTY CODE				
E30 6354 U	DANVILLE 454	1415	04	047	15W	M	38-30.3	122-44.7	28				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.15	6.33	6.12	6.60	7.15	7.66	8.61	9.64	11.24	12.79	15.37	21.98	39.02
5	4.85	7.72	7.65	8.47	9.24	10.44	12.14	13.47	15.72	17.77	21.25	30.31	50.90
10	5.49	8.41	8.23	9.23	10.23	11.65	13.43	15.49	18.47	20.86	24.91	35.39	57.76
25	8.05	11.04	10.55	13.20	14.24	15.49	18.51	18.12	20.94	23.68	28.24	39.99	63.77
50	10.49	11.55	13.12	14.46	14.85	15.74	17.17	18.81	21.75	24.55	29.27	41.39	65.58
100	12.49	14.31	14.31	15.00	15.11	15.06	17.40	20.23	23.33	26.33	31.37	44.27	69.24
200	14.41	15.34	14.87	15.65	15.44	15.49	19.15	20.89	24.07	27.15	32.34	45.59	70.92
300	16.41	14.71	14.54	17.39	18.44	19.49	21.06	22.84	26.24	29.44	35.29	49.60	74.91
600	11.79	16.76	16.79	14.11	20.76	21.45	22.92	24.63	28.43	32.05	38.13	53.45	80.64
1000	13.40	17.40	22.14	23.06	24.26	25.68	27.11	29.14	33.19	37.40	44.46	61.96	90.90
10000	16.48	24.42	27.63	24.43	29.43	31.56	33.47	35.09	39.44	44.46	53.06	73.44	104.36
PMF	31.97	44.80	56.83	53.59	57.45	60.75	66.47	72.69	86.42	94.98	112.52	140.22	239.97
MEAN	4.538	5.986	6.423	7.245	7.874	8.374	9.294	10.332	12.008	13.597	16.320	23.186	40.129
CLOCK HR. COM.	1.140	1.170	1.040	1.110	1.110	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.414	2.401	1.218	1.861	2.311	2.555	2.445	2.124	1.278	1.056	1.233	.984	.717
REGIONAL SKEW	1.300	1.000	1.500	1.000	1.000	1.000	1.000	1.000	.900	.900	.900	.800	.500
SKEW USEU	1.300	1.000	1.500	1.000	1.000	1.000	1.000	.900	.900	.900	.900	.800	.500

KUMTUSIS	6.441	8.331	4.700	6.079	10.700	11.749	11.146	9.435	5.436	4.694	5.338	7.818	2.927
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	7.160	12.151	12.600	14.380	20.020	22.100	22.990	25.170	26.210	27.510	33.680	42.810	66.490
NORMALIZED MAX	2.307	2.577	1.264	3.004	3.106	3.107	3.000	2.965	2.411	2.085	2.528	2.226	2.226
CALC. COEF. VAR	.400	.447	.432	.391	.427	.445	.397	.446	.399	.344	.356	.335	.297
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/H	.1131	.1492	.1700	.1814	.1962	.2047	.2317	.2571	.2992	.3368	.4407	.5778	1.0000
HF10/H	.1741	.2344	.2675	.2844	.3064	.3252	.3359	.3500	.4683	.5199	.6207	.8820	1.4393
HF25/H	.2049	.2879	.3425	.3654	.3904	.4071	.4286	.4406	.5621	.6117	.7493	1.0315	1.4342
HF50/H	.2564	.3275	.3704	.3844	.4101	.4477	.4772	.5205	.5998	.6766	.8659	1.1362	1.7672
HF100/H	.2594	.3665	.4134	.4314	.4704	.4841	.5248	.5703	.6550	.7387	.8793	1.2359	1.8917
HF1000/H	.3389	.4937	.5526	.6736	.6946	.6354	.6755	.7267	.8271	.9321	1.1088	1.5440	2.7652
HF10000/H	.4157	.6188	.6896	.7697	.7436	.6844	.6191	.6744	.8684	1.1134	1.3223	1.8302	2.6007
PMF/H	.7966	1.1114	1.2667	1.4354	1.4323	1.5139	1.6563	1.8115	2.1037	2.3668	2.8041	3.9926	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.		STATION NAME		ELEV	SEC	TWP	RNG LOT	WMM	LATITUDE	LONGITUDE	COUNTY CODE		
BSN ORDER SUB													
E30 7643 U		ST BELFVA		437	225	31	04N 15W C	M	38-50.7	122-44.1	28		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.39	4.41	5.09	5.62	6.14	6.40	7.65	8.39	9.94	11.07	12.98	18.76	32.84
5	4.77	6.38	7.36	8.07	9.42	9.40	10.78	11.73	13.43	15.38	17.94	25.86	42.83
10	5.70	7.77	8.93	9.73	10.46	11.27	12.80	13.64	16.25	18.05	21.03	30.20	48.60
25	6.57	9.42	11.44	11.31	12.25	13.03	14.67	15.74	18.46	20.49	23.46	34.12	53.06
50	6.84	9.54	11.92	11.41	12.77	13.59	15.25	16.34	19.14	21.25	24.71	35.32	56.19
100	7.61	11.43	11.91	12.84	13.45	14.73	15.53	17.62	20.53	22.78	26.48	37.77	56.27
200	7.68	11.85	12.30	13.32	14.34	15.27	17.01	19.12	23.50	27.30	30.91	59.68	
300	8.49	12.15	11.91	14.61	15.81	16.91	18.71	19.93	23.13	25.45	29.74	42.32	63.88
600	9.28	13.43	15.22	16.27	17.43	18.52	20.38	21.62	25.01	27.74	32.14	45.61	67.86
1000	11.09	16.36	16.46	14.60	20.87	22.17	24.08	25.40	29.29	32.47	37.54	52.87	76.50
10000	13.66	21.50	23.00	24.26	29.67	27.25	29.19	30.50	34.98	38.67	44.80	62.67	87.82
PMF	26.66	36.84	42.30	45.64	49.45	52.66	59.66	63.32	74.28	82.20	94.99	140.72	201.94
MEAN													
CLOCK HR. COM.	3.700	4.945	5.678	6.213	6.774	7.231	8.257	8.987	10.566	11.748	13.777	19.785	33.769
CALCULATED SKEW	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	.974	.869	.647	.537	.766	.620	.518	.575	.398	.409	.778	.428	.394
SKEW USEU	1.300	1.000	1.500	1.000	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500

KUMTUSIS	4.1894	3.577	3.116	3.392	4.470	5.036	3.438	3.413	2.528	2.608	3.360	2.979	2.398
RECORD YEAR	64	68	68	68	68	68	68	68	68	68	68	68	68
RECORD MAXIMUM	1914	1967	1914	1960	1956	1964	1964	1964	1969	1914	1914	1914	1914
NORMALIZED MAX	2.397	2.452	2.519	2.761	3.522	3.817	3.261	3.235	2.520	2.342	2.888	2.689	2.252
CALC. COEF. VAR	.472	.391	.374	.371	.371	.375	.371	.391	.392	.387	.403	.397	.331
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/H	.1894	.1464	.1681	.1840	.2066	.2141	.2445	.2661	.3129	.3465	.4080	.5859	1.0000
HF10/H	.1647	.2301	.2645	.2880	.3134	.3337	.3784	.4499	.4813	.5346	.6220	.8944	1.4393
HF25/H	.2026	.2626	.3233	.3496	.3742	.4024	.4516	.4852	.5668	.6291	.7316	1.0460	1.6342
HF50/H	.2273	.3214	.3665	.3946	.4253	.4522	.5036	.5388	.6271	.6958	.8085	1.1521	1.7672
HF100/H	.2513	.3297	.4089	.4386	.4711	.5068	.5549	.5903	.6849	.7597	.8933	1.2533	1.8917
HF1000/H	.3464	.5465	.5465	.5465	.5465	.5465	.7521	.8648	.9586	1.1115	1.5657	2.7652	
HF10000/H	.4627	.6672	.6609	.7184	.7800	.8078	.8644	.9050	1.0335	1.1450	1.3265	1.6558	2.6007
PMF/H	.7718	1.1509	1.2526	1.3514	1.4644	1.4535	1.7482	1.8749	2.1996	2.4341	2.8130	4.0485	5.9800

PEAKING TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE K IS SMALL RESULTS ARE NOT REPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RHM	LATITUDE	LONGITUDE	COUNTY				
E30 7666 0	ST HELEN 45W	1794	14	N7N	6W	M	38.590	122.533	ONEIDA				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	7.96	5.47	6.38	4.87	4.50	7.96	4.95	11.43	12.92	15.44	21.83	41.71	
5	6.58	7.93	9.11	7.87	10.71	11.34	12.74	13.41	15.92	17.95	21.35	30.10	54.40
10	6.67	9.46	11.05	11.43	12.90	13.60	13.13	14.41	18.70	21.07	25.02	35.14	61.73
20	7.69	11.33	12.92	13.85	15.08	15.74	17.34	18.71	21.24	23.92	28.46	39.71	68.15
40	8.71	11.74	13.45	14.45	15.53	16.40	18.02	19.42	22.02	24.80	29.40	41.10	70.09
60	8.67	12.97	14.73	15.70	16.83	17.78	19.36	20.89	23.63	26.59	31.51	43.95	78.10
80	8.47	13.49	15.31	16.30	17.44	18.43	20.10	21.57	24.37	27.43	32.43	45.27	74.79
100	7.93	15.16	17.08	18.11	19.32	20.41	22.11	23.67	26.61	29.94	35.44	49.25	81.13
200	10.48	16.69	18.81	19.80	21.17	22.36	24.07	25.93	28.75	32.37	38.30	53.07	86.10
1000	12.97	20.34	22.83	23.98	25.15	26.74	28.44	31.11	33.60	37.78	44.66	61.52	97.15
10000	15.91	25.47	28.45	29.67	31.17	32.88	34.51	36.23	40.16	45.13	53.30	72.92	111.54
PMP	30.50	45.79	52.33	55.81	60.06	63.30	67.79	75.05	85.47	95.94	113.02	159.09	256.47
MEAN	4.329	6.147	7.025	7.599	8.228	8.725	9.761	10.653	12.158	13.735	16.392	23.023	42.889
CLOCK HR. COEF.	1.146	1.173	1.085	1.026	1.019	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.344	0.113	1.019	1.450	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150	1.150
REGIONAL SKEW	1.400	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.900	0.900
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.900	0.900
KURTOSIS	2.344	2.652	3.467	3.544	4.123	4.562	4.450	4.494	3.690	4.150	4.045	3.715	2.174
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	6.200	10.453	11.723	14.450	16.723	18.450	19.450	21.000	22.250	24.250	29.000	39.800	62.200
NORMALIZED MAX	1.272	1.884	2.337	2.197	2.423	2.605	2.668	2.411	2.357	2.541	2.452	1.657	
CALC. COEF. VAR	.351	.416	.409	.422	.420	.431	.431	.372	.344	.334	.323	.299	.272
REGION. COEF. VAR	.463	.430	.430	.423	.423	.417	.410	.403	.402	.399	.393	.364	.332
USED COEF. VAR	.403	.430	.430	.423	.423	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.000	1.433	1.638	1.772	1.918	2.034	2.274	2.484	2.835	3.202	3.822	5.368	1.0000
HP10/A	1.156	1.252	1.277	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247	1.247
HP20/A	1.167	1.276	1.314	1.306	1.317	1.323	1.323	1.323	1.323	1.323	1.323	1.323	1.323
HP40/A	1.204	1.316	1.357	1.380	1.407	1.427	1.488	1.506	1.542	1.575	1.554	1.056	1.7672
RP100/A	1.216	1.352	1.393	1.424	1.459	1.479	1.515	1.509	1.6205	1.691	1.684	1.1482	1.8917
RP1000/A	1.305	1.741	1.524	1.550	1.591	1.620	1.638	1.702	1.765	1.810	1.813	1.4345	2.2652
RP10000/A	1.311	1.594	1.633	1.618	1.768	1.767	1.867	1.943	2.003	1.952	1.2427	1.7003	2.6007
RMP/A	1.711	1.677	1.2202	1.3014	1.4005	1.4760	1.6272	1.7499	1.9929	2.2363	2.6353	3.7093	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RHM	LATITUDE	LONGITUDE	COUNTY				
E40 1648 0	CHADTUS RES	743	24S	30	N2S N2W	R M	37.730	122.122	ONEIDA				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.18	2.69	3.07	3.40	3.71	4.01	4.58	5.05	5.88	6.54	7.79	11.54	21.24
5	3.07	3.89	4.44	4.89	5.30	5.71	6.46	7.06	8.18	9.07	10.77	15.91	27.70
10	3.67	4.74	5.33	5.89	6.36	6.84	7.67	8.34	9.62	10.67	12.63	18.58	31.43
20	4.23	5.56	6.30	6.95	7.38	7.91	8.79	9.51	10.92	12.11	14.32	20.99	34.71
25	4.40	5.82	6.59	7.15	7.67	8.25	9.14	9.87	11.33	12.55	14.84	21.73	35.69
40	4.77	6.37	7.19	7.78	8.32	8.95	9.31	10.01	12.15	13.46	15.90	23.24	37.68
50	4.94	6.62	7.47	8.07	8.62	9.27	10.14	10.96	12.53	13.88	16.40	23.43	38.60
100	5.46	7.41	8.34	8.97	9.55	10.27	11.21	12.00	13.68	15.18	17.89	26.03	41.31
200	5.98	8.20	9.19	9.96	10.47	11.25	12.20	13.02	14.80	16.39	19.33	28.06	43.93
1000	7.14	9.99	11.14	11.87	12.54	13.46	14.43	15.29	17.28	19.13	22.54	32.52	49.47
10000	8.75	12.51	13.68	14.69	15.41	16.55	17.50	18.44	20.65	22.85	26.70	38.55	56.30
PMP	16.74	22.48	25.53	27.64	29.70	31.85	35.39	38.13	43.95	48.57	57.95	84.10	130.61
MEAN	2.381	3.318	3.427	3.763	4.008	4.291	4.949	5.412	6.252	6.954	8.274	12.717	21.840
CLOCK HR. COEF.	1.140	1.070	1.040	1.020	1.016	1.010	1.000	1.000	1.003	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.795	2.116	2.653	2.276	1.838	1.394	1.765	1.667	1.554	1.518	1.511	1.882	1.502
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.900	0.900
SKEW USED	1.306	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.900	0.900
KURTOSIS	7.474	10.447	14.839	12.441	9.603	7.257	4.249	3.356	2.407	2.946	2.746	3.521	2.823
RECORD YEAR	93	91	93	92	92	92	92	92	92	92	93	92	94
RECORD MAXIMUM	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
NORMALIZED MAX	6.040	8.800	11.430	11.930	11.430	11.230	11.550	11.950	15.290	17.220	26.830	40.850	
CALC. COEF. VAR	3.016	4.732	5.497	5.382	5.061	4.618	3.884	3.279	2.473	3.269	2.943	3.161	2.873
REGION. COEF. VAR	.405	.405	.405	.405	.405	.405	.368	.368	.367	.367	.367	.367	.367
USED COEF. VAR	.463	.430	.430	.423	.423	.423	.417	.410	.403	.402	.399	.393	.332
MEAN/A	1.000	1.382	1.569	1.723	1.863	2.010	2.266	2.478	2.863	3.184	3.788	5.573	1.0000
HP10/A	1.179	1.211	1.269	1.297	1.310	1.313	1.312	1.316	1.403	1.485	1.572	1.8507	1.4393
HP20/A	1.207	1.267	1.301	1.323	1.332	1.374	1.415	1.458	1.515	1.574	1.673	1.9949	1.6342
HP40/A	1.262	1.313	1.345	1.368	1.384	1.405	1.465	1.485	1.567	1.637	1.767	1.0959	1.7672
RP100/A	1.251	1.395	1.3816	1.417	1.4375	1.472	1.514	1.506	1.6266	1.691	1.8191	1.1920	1.4917
RP1000/A	1.364	1.573	1.5101	1.5436	1.6165	1.6004	1.7003	1.7912	1.8758	1.0321	1.4492	2.2652	
RP10000/A	1.408	1.573	1.6355	1.6727	1.7577	1.7577	1.8013	1.8426	1.9455	1.0462	1.2318	1.7651	2.6007
PMP/A	1.761	1.673	1.1671	1.2634	1.3594	1.4545	1.6203	1.7457	2.0124	2.2239	2.8120	3.8507	5.9800

RAISON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 NAME N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNG	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB E40 1664 0	CHARLES HILL MANOR	725						N 37.844	122.170	COV 07

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	F YR
2	2.36	3.72	4.37	7.37	10.22	27.40
5	4.15	5.34	6.31	11.41	13.26	36.50
10	4.95	6.56	8.12	12.48	15.16	42.56
20	5.71	7.69	9.38	14.24	16.92	48.29
25	5.95	8.05	9.81	15.00	17.76	50.08
40	6.44	8.61	10.70	16.39	19.54	53.80
50	6.67	8.86	11.12	16.75	20.37	55.55
100	7.38	11.25	12.48	18.40	22.22	60.87
200	8.27	11.43	12.87	20.22	24.41	66.99
1000	9.64	11.61	13.58	24.76	32.03	77.94
10000	11.02	17.30	20.06	31.55	42.45	94.41
PHP	22.66	31.08	38.00	57.12	82.05	176.19
MEAN	3.217	4.172	5.130	8.104	11.300	29.443
CLOCK HR. COV.	1.140	1.173	1.040	1.010	1.010	1.000
CALCULATED SKEW	0.473	0.475	0.768	0.933	0.941	0.917
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300
SKEW USED	1.110	1.600	1.500	1.400	1.300	1.300
KURTOSIS	3.230	5.088	7.823	11.76	14.314	24.070
N	22	22	22	22	22	22
RECORD YEAR	1964	1964	1964	1964	1964	1964
RECORD MAXIMUM	4.970	9.120	12.870	18.140	21.411	47.030
NORMALIZED MAX	1.414	2.601	3.045	4.343	5.028	14.14
CALC. COEF. VAR	.344	.396	.492	.425	.394	.423
REGION. COEF. VAR	.473	.430	.430	.473	.393	.332
USED COEF. VAR	.473	.430	.430	.473	.393	.332
MEAN/A	1.092	1.416	1.731	2.752	4.039	10.000
HP10/A	1.031	1.225	1.274	1.635	2.045	1.444
HP25/A	1.019	1.233	1.328	1.512	1.789	1.699
HP50/A	1.065	1.308	1.373	1.573	1.872	1.885
HP100/A	1.255	1.349	1.420	1.640	1.736	2.061
HP1000/A	1.272	1.466	1.627	1.803	1.900	2.462
HP10000/A	1.403	1.587	1.701	1.938	1.974	1.204
PHP/A	1.692	1.544	1.787	1.939	2.164	5.480

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RNG	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB E40 2177 0	CHUCKETT	12	12	034	034			M 38.033	122.217	COV 07

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	F YR
2	1.85	2.31	2.73	4.37	6.64	16.83
5	2.60	3.34	3.91	6.17	9.28	22.42
10	3.11	4.07	4.74	7.40	11.04	26.14
20	3.58	4.79	5.94	8.90	12.71	29.66
25	3.73	5.00	6.19	9.93	13.23	30.76
40	4.04	5.47	6.42	10.69	14.31	33.05
50	4.19	5.69	6.57	11.05	14.62	34.12
100	4.63	6.37	7.33	11.15	16.37	37.39
200	5.07	7.04	8.08	12.22	17.89	40.59
1000	6.05	8.58	9.80	14.68	21.33	47.87
10000	7.42	11.75	12.28	18.11	26.12	57.99
PHP	14.22	16.31	22.45	33.87	49.89	108.21
MEAN	2.019	2.592	3.014	4.898	7.236	18.044
CLOCK HR. COV.	1.140	1.170	1.040	1.010	1.010	1.000
CALCULATED SKEW	.857	1.011	1.196	.779	.951	.696
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300
KURTOSIS	2.874	6.352	9.806	3.142	2.441	2.585
N	44	44	44	44	44	44
RECORD YEAR	1960	1963	1963	1967	1966	1961
RECORD MAXIMUM	3.150	5.960	8.560	9.350	13.260	31.040
NORMALIZED MAX	1.663	3.135	4.024	2.290	2.262	2.048
CALC. COEF. VAR	.337	.415	.457	.413	.363	.349
REGION. COEF. VAR	.473	.430	.430	.473	.393	.332
USED COEF. VAR	.473	.430	.430	.473	.393	.332
MEAN/A	1.116	1.432	1.665	2.657	3.999	10.000
HP10/A	1.078	1.225	1.260	1.608	2.013	1.444
HP25/A	1.064	1.264	1.302	1.635	1.712	1.699
HP50/A	1.215	1.344	1.360	1.654	1.809	1.885
HP100/A	1.259	1.359	1.400	1.659	1.705	2.061
HP1000/A	1.344	1.470	1.513	1.712	1.787	2.462
HP10000/A	1.401	1.593	1.674	1.903	1.943	3.204
PHP/A	1.660	1.660	1.2467	1.717	2.1572	5.980

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE										
STATION NO. BSN ORDER SUR E40 1064 0	STATION NAME HAYWARD HIGH SCHOOL	ELFV 110	SFC TWP 04	RNG LOT 015	HMM 024	J J	LATITUDE 37-67N	LONGITUDE 122-00E	COUNTY CODE 00	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.14	2.58	2.97	3.34	3.69	3.79	4.38	4.82	5.59	6.09
5	2.96	3.74	4.30	4.79	5.13	5.41	6.17	6.73	7.78	8.46
10	3.64	4.55	5.22	5.78	6.16	6.48	7.32	7.94	9.14	9.93
20	4.88	5.34	6.10	6.72	7.13	7.50	8.40	9.08	10.38	11.28
25	4.95	5.59	6.30	7.02	7.43	7.82	8.73	9.40	10.76	11.69
40	6.00	6.12	6.95	7.63	8.00	8.48	9.40	10.11	11.53	12.53
50	6.77	6.36	7.23	7.92	8.36	8.78	9.73	10.44	11.91	12.93
100	8.27	7.12	8.06	8.80	9.26	9.74	10.71	11.44	13.00	14.11
200	9.76	7.87	8.80	9.57	10.14	10.60	11.65	12.46	14.05	15.26
1000	16.49	4.59	10.78	11.85	12.15	12.75	13.78	14.57	17.41	20.50
10000	16.45	12.07	13.43	14.42	14.94	15.67	16.71	17.53	19.62	21.27
RMP	16.14	21.59	24.70	27.12	28.78	30.17	33.74	36.32	41.76	45.92
MEAN	2.297	2.898	3.316	3.692	3.942	4.159	4.728	5.156	5.941	6.474
CLOCK HP. COH.	1.148	1.478	1.650	1.800	1.930	1.926	1.926	1.917	1.901	1.900
CALCULATED SKEW	3.194	3.194	3.043	2.304	1.933	1.904	1.685	1.580	1.505	1.462
REGIONAL SKEW	1.388	1.400	1.510	1.400	1.300	1.300	1.100	1.000	0.900	0.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.800
KURTOSIS	17.177	16.918	16.295	11.505	6.625	6.731	4.703	3.914	2.474	2.185
N	68	58	58	58	58	58	58	58	58	58
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	9.410	10.237	11.119	11.119	11.119	11.119	11.850	11.850	11.850	11.850
NORMALIZED MAX	4.618	4.770	4.906	4.514	4.144	3.924	3.473	2.870	2.523	2.113
CALC. COEF. VAR	4.54	4.86	4.47	4.45	4.34	4.26	3.89	4.01	3.74	3.71
REGN. COEF. VAR	4.63	4.38	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
USED COEF. VAR	4.63	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
MEAN/A	1.137	1.434	1.800	1.827	1.950	2.054	2.338	2.551	2.939	3.283
HP10/A	1.175	1.253	1.389	1.367	1.397	1.397	1.397	1.397	1.397	1.397
HP20/A	2.102	2.274	2.514	2.71	2.877	2.877	2.877	2.877	2.877	2.877
HP50/A	2.358	2.347	2.357	2.391	2.433	2.433	2.433	2.433	2.433	2.433
HP100/A	2.607	2.322	2.394	2.354	2.351	2.351	2.351	2.351	2.351	2.351
HP150/A	2.617	2.745	2.532	2.508	2.502	2.502	2.502	2.502	2.502	2.502
HP1000/A	4.717	5.545	6.863	7.132	7.389	7.755	8.264	8.747	10.524	12.102
RMP/A	8.007	11.681	12.220	13.417	14.237	14.928	16.714	17.969	20.661	23.272

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE										
STATION NO. BSN ORDER SUR E40 4357 0	STATION NAME JENSEN RANCH	ELFV 800	SFC TWP 31	RNG LOT 025	HMM 014	D D	LATITUDE 37-71N	LONGITUDE 122-02W	COUNTY CODE 00	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.23	2.83	3.32	3.71	4.09	4.38	4.94	5.30	6.47	7.27
5	3.14	4.11	4.81	5.33	5.84	6.24	6.97	7.44	9.01	10.10
10	3.74	5.10	5.83	6.43	7.01	7.48	8.27	8.81	10.59	11.85
20	4.92	6.87	6.82	7.47	8.11	8.65	9.49	10.07	12.03	13.46
25	4.50	6.14	7.13	7.80	8.46	9.02	9.96	10.46	12.47	13.95
40	4.87	6.72	7.78	8.48	9.17	9.78	10.04	11.24	13.34	14.95
50	5.05	6.99	8.08	8.80	9.51	10.14	10.99	11.61	13.80	15.43
100	5.64	7.92	9.02	9.79	10.53	11.29	12.05	12.72	15.07	16.84
200	6.10	8.64	9.94	10.75	11.54	12.30	13.16	13.88	16.30	18.21
1000	7.29	10.53	12.05	12.95	13.82	14.72	15.56	16.21	19.03	21.26
10000	8.44	13.20	15.01	16.03	16.99	18.09	19.57	19.57	22.74	25.39
RMP	17.13	23.71	27.62	30.15	32.74	34.92	38.19	40.41	48.39	53.67
MEAN	2.432	3.189	3.707	4.105	4.480	4.800	5.337	5.735	6.884	7.727
CLOCK HP. COH.	1.146	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.135	1.038	1.126	0.939	0.743	0.790	0.389	0.245	0.203	0.386
REGIONAL SKEW	1.388	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.800
SKEW USED	1.388	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.800
KURTOSIS	4.526	3.102	4.076	4.433	3.748	3.612	2.864	2.597	2.205	2.849
N	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1911	1911	1911	1911	1911	1911	1911	1911	1911	1911
RECORD MAXIMUM	4.518	5.768	8.820	9.220	9.280	10.180	10.480	11.480	15.770	17.880
NORMALIZED MAX	2.431	2.231	3.044	3.180	2.940	2.946	2.622	2.33	2.944	2.780
CALC. COEF. VAR	3.51	3.63	3.67	3.25	3.66	3.79	3.65	3.574	3.74	3.92
REGN. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
USED COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
MEAN/A	1.012	1.325	1.543	1.708	1.867	1.998	2.221	2.387	2.965	3.214
HP10/A	1.158	1.212	1.247	1.274	1.297	1.313	1.342	1.367	1.407	1.434
HP20/A	1.172	1.257	1.297	1.326	1.350	1.375	1.402	1.432	1.519	1.580
HP50/A	1.210	1.298	1.337	1.366	1.390	1.419	1.446	1.472	1.521	1.572
HP100/A	1.232	1.325	1.372	1.403	1.435	1.467	1.503	1.529	1.621	1.701
HP1000/A	1.304	1.484	1.505	1.531	1.563	1.616	1.677	1.696	1.791	1.886
HP10000/A	1.371	1.543	1.624	1.671	1.703	1.759	1.785	1.818	1.963	2.137
RMP/A	1.713	1.989	1.494	1.254	1.368	1.4494	1.588	1.681	2.014	2.263

REASON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE
BSN ORDER SUR E40 4637 0	LATAWITTS PESHVOIN	440	3n	014	034 0	h	37.865	122.140	07

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	F YR
2	2.70	3.58	4.09	4.64	10.00	24.74
5	3.81	5.16	5.92	6.38	13.98	32.95
10	4.64	6.29	7.18	11.24	18.64	38.43
20	5.24	7.38	8.39	13.01	19.15	43.60
25	5.44	7.72	8.77	13.57	19.93	45.22
40	5.91	8.44	9.57	14.73	21.56	48.68
50	6.13	8.78	9.94	15.27	22.32	50.15
100	6.77	9.83	11.09	16.94	24.66	54.96
200	7.41	11.07	12.24	18.34	26.94	59.48
1000	8.85	13.24	14.83	22.31	32.13	70.17
10000	10.85	16.59	18.47	27.53	39.34	85.24
PHP	20.40	24.81	31.96	51.47	70.16	159.08
MEAN	2.953	4.101	4.562	7.306	10.900	26.602
CLOCK HR. COR.	1.140	1.700	1.040	1.010	1.010	1.000
CALCULATED SKEW	.654	.115	.778	.410	.545	.568
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300
KURTOSIS	2.654	3.654	3.289	3.483	2.386	2.486
N	29	29	29	24	24	29
RECORD YEAR	1970	1963	1963	1950	1950	1958
RECORD MAXIMUM	4.290	7.500	9.200	10.198	21.250	45.730
NORMALIZED MAX	1.548	2.140	2.325	2.826	2.259	2.220
CALC. COEF. VAR	.293	.416	.437	.430	.420	.327
REGION. COEF. VAR	.403	.430	.430	.403	.493	.332
USED COEF. VAR	.403	.430	.430	.403	.493	.332
MEAN/A	.1110	.1584	.1715	.2747	.4498	1.0008
RP10/A	.1709	.2364	.2698	.4226	.6254	1.4446
RP20/A	.2053	.2803	.3297	.5102	.7443	1.6999
RP50/A	.2303	.3302	.3738	.5741	.8392	1.8853
RP100/A	.2546	.3695	.4170	.6368	.9268	2.0661
RP1000/A	.3324	.4878	.5574	.8366	1.4078	2.6452
RP10000/A	.4080	.6237	.6945	1.0347	1.6790	3.2044
PHP/A	.7819	1.1205	1.2775	1.9350	2.8253	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE
BSN ORDER SUR E40 5371 0	MARTINEZ 3 S	225		02N	02W	M	37.967	122.133	07

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	F YR
2	2.18	2.95	3.45	5.58	8.38	19.02
5	3.07	4.28	4.99	7.89	11.69	25.33
10	3.66	5.21	6.08	9.45	13.91	29.54
20	4.23	6.12	7.08	10.94	16.01	33.52
25	4.40	6.40	7.40	11.41	16.67	34.76
40	4.77	7.08	8.08	12.38	18.03	37.35
50	4.94	7.28	8.39	12.64	18.67	38.56
100	5.46	8.15	9.36	14.24	20.62	42.25
200	5.97	9.01	10.32	15.82	22.53	45.88
1000	7.13	10.98	12.52	18.75	26.87	54.10
10000	8.75	13.75	15.59	23.14	32.90	65.53
PHP	10.76	24.71	28.89	41.27	62.88	122.30
MEAN	2.379	3.317	3.850	6.142	9.116	20.451
CLOCK HR. COR.	1.140	1.070	1.040	1.010	1.010	1.000
CALCULATED SKEW	1.744	2.415	2.504	.788	.104	.632
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300
KURTOSIS	8.617	10.997	11.660	3.374	1.970	2.410
N	25	25	25	25	25	27
RECORD YEAR	1963	1963	1963	1950	1950	1958
RECORD MAXIMUM	4.760	9.290	11.540	12.200	15.890	34.860
NORMALIZED MAX	2.434	3.392	3.634	2.264	1.494	2.004
CALC. COEF. VAR	.411	.521	.550	.430	.383	.352
REGION. COEF. VAR	.403	.430	.430	.403	.393	.332
USED COEF. VAR	.403	.430	.430	.403	.393	.332
MEAN/A	.1183	.1622	.1883	.3004	.4458	1.0000
RP10/A	.1791	.2549	.2962	.4621	.6883	1.4446
RP20/A	.2152	.3130	.3620	.5579	.8151	1.6999
RP50/A	.2414	.3561	.4104	.6278	.9129	1.8853
RP100/A	.2669	.3985	.4579	.6963	1.0083	2.0661
RP1000/A	.3487	.5368	.6120	.9171	1.3139	2.6452
RP10000/A	.4277	.6725	.7625	1.1315	1.6090	3.2044
PHP/A	.8197	1.2083	1.4027	2.1100	3.0738	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB E40 5371 40	KURTINZ COMP YARD	145					M	38.016	122.118	07

MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR				
2	1.49	2.36	2.82	4.63	6.90	16.60				
5	2.47	3.42	4.07	6.54	9.65	22.10				
10	3.19	4.16	4.94	7.94	11.48	25.77				
20	3.68	4.89	5.77	9.07	13.21	29.24				
25	3.83	5.11	6.04	9.46	13.75	30.33				
40	4.15	5.59	6.59	10.27	14.48	32.58				
50	4.30	5.82	6.85	10.65	15.40	33.44				
100	4.75	6.51	7.64	11.81	17.01	36.86				
200	5.20	7.20	8.42	12.95	18.59	40.82				
1000	6.21	8.77	10.21	14.55	21.17	47.19				
10000	7.41	11.59	12.72	16.19	24.13	57.17				
PMP	14.59	19.74	23.40	35.88	51.86	106.69				
MEAN	2.070	2.650	3.140	5.093	7.322	17.841				
CLOCK HR. COR.	1.140	1.070	1.040	1.010	1.010	1.000				
CALCULATED SKEW	1.364	1.077	1.130	.676	.624	.629				
REGIONAL SKEW	1.300	1.000	1.500	1.400	1.300	1.300				
SKEW USED	1.300	1.000	1.500	1.400	1.300	1.300				

KURTUSIS	5.455	8.610	9.842	3.314	3.144	2.652				
N	44	34	34	34	34	34				
RECORD YEAR	1963	1963	1963	1956	1956	1958				
RECORD MAXIMUM	3.660	6.070	8.320	10.690	14.620	32.810				
NORMALIZED MAX	2.297	3.408	3.764	4.680	5.633	2.455				
CALC. COEF. VAR	.334	.374	.438	.419	.358	.342				
REGN. COEF. VAR	.403	.430	.430	.403	.393	.332				
USED COEF. VAR	.403	.430	.430	.403	.393	.332				
MEAN/A	.1160	.1485	.1760	.2855	.4216	1.0000				
RP10/A	.1747	.2334	.2769	.4793	.8434	1.4444				
RP25/A	.2148	.2867	.3394	.5333	.7769	1.6999				
RP50/A	.2408	.3260	.3837	.6067	.8534	1.8853				
RP100/A	.2662	.3649	.4291	.6618	.9536	2.0661				
RP1000/A	.3474	.4615	.5721	.8717	1.4426	2.6452				
RP10000/A	.4266	.6153	.7129	1.0755	1.8217	3.2044				
PMP/A	.8175	1.1685	1.3114	2.0112	2.9058	5.9880				

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWM	LATITUDE	LONGITUDE	COUNTY
BSN ORDER SUB E40 5377 0	KURTINZ FINE STATION	26		02N	02W		M	38.017	122.133	07

MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR				
2	1.46	2.44	2.91	4.63	6.97	17.13				
5	2.62	3.53	4.21	6.54	9.74	22.81				
10	3.12	4.30	5.11	7.84	11.59	26.60				
20	3.60	5.04	5.97	9.07	13.34	30.18				
25	3.75	5.28	6.25	9.46	13.89	31.30				
40	4.07	5.77	6.81	10.27	15.02	33.63				
50	4.21	6.00	7.08	10.65	15.56	34.72				
100	4.66	6.72	7.90	11.81	17.18	38.04				
200	5.19	7.42	8.71	12.95	18.77	41.31				
1000	6.08	9.05	10.56	15.55	22.34	48.71				
10000	7.46	11.34	13.16	19.19	27.42	59.01				
PMP	14.30	20.37	24.20	35.84	52.37	110.11				
MEAN	2.070	2.734	3.248	5.094	7.546	18.414				
CLOCK HR. COR.	1.140	1.070	1.040	1.010	1.010	1.000				
CALCULATED SKEW	1.364	1.080	1.225	.834	.388	.683				
REGIONAL SKEW	1.300	1.000	1.500	1.400	1.300	1.300				
SKEW USED	1.300	1.000	1.500	1.400	1.300	1.300				
KURTUSIS	4.004	6.674	9.500	3.375	2.490	2.598				
N	26	26	26	26	26	31				
RECORD YEAR	1963	1963	1963	1956	1956	1958				
RECORD MAXIMUM	3.984	6.380	8.970	10.510	13.940	32.740				
NORMALIZED MAX	2.010	2.854	3.457	2.357	2.143	2.303				
CALC. COEF. VAR	.328	.465	.510	.451	.390	.338				
REGN. COEF. VAR	.403	.430	.430	.403	.393	.332				
USED COEF. VAR	.403	.430	.430	.403	.393	.332				

MEAN/A	.1102	.1485	.1764	.2766	.4125	1.0000				
RP10/A	.1697	.2333	.2775	.4256	.8296	1.4444				
RP25/A	.2019	.2865	.3392	.5138	.7543	1.6999				
RP50/A	.2287	.3259	.3845	.5783	.8448	1.8853				
RP100/A	.2529	.3648	.4290	.6413	.9330	2.0661				
RP1000/A	.3303	.4913	.5734	.8448	1.2158	2.6452				
RP10000/A	.4052	.6157	.7144	1.0421	1.8489	3.2044				
PMP/A	.7765	1.1661	1.3143	1.9489	2.8441	5.9880				

PEARSON TYPE III DISTRIBUTION USED
 APPROXIMATE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HHM	LATITUDE	LONGITUDE	COUNTY CODE
ASN ORDER SUB E40 5915 0	FT DIAZLO MOUNT GATE	2670	02	015	61W	N	M	37.869	121.934	07

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	100	300	F YR
2	2.61	3.36	3.83	4.49	4.54	21.61
5	3.67	4.86	5.54	6.32	11.44	29.05
10	4.38	5.92	6.72	7.47	14.21	33.48
20	5.06	6.95	7.85	11.55	18.36	48.44
25	5.27	7.28	8.21	12.14	17.03	36.87
40	5.70	7.95	8.96	13.07	18.42	42.83
50	6.01	8.28	9.31	13.55	19.07	44.21
100	6.53	9.28	10.39	14.10	21.08	58.45
200	7.14	10.24	11.45	14.89	24.62	52.61
1000	8.53	12.44	13.98	16.79	27.45	62.04
10000	10.47	15.63	17.30	20.42	32.61	75.15
PMP	20.06	28.09	31.82	45.67	64.21	140.24
MEAN	2.847	3.770	4.271	4.683	9.312	27.452
CLOCK HR. COR.	1.140	1.071	1.040	1.010	1.010	1.000
CALCULATED SKEW	1.300	1.404	1.455	1.481	1.419	1.456
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300
KURTOSIS	4.411	4.425	5.543	3.144	2.040	2.510
N	21	21	21	21	21	21
RECORD YEAR	1467	1063	1763	1956	1958	1988
RECORD MAXIMUM	5.920	7.580	10.010	16.230	15.110	39.130
NORMALIZED MAX	1.710	1.094	2.552	2.181	1.784	2.022
CALC. COEF. VAR	.446	.504	.526	.413	.348	.332
REGN. COEF. VAR	.403	.430	.430	.403	.393	.332
USED COEF. VAR	.403	.430	.430	.403	.393	.332
MEAN/A	1.214	1.608	1.821	2.764	4.971	1.0000
RP10/A	1.166	1.525	1.866	4.253	5.761	1.4444
RP25/A	1.204	1.510	1.502	4.135	7.241	1.6444
RP50/A	1.251	1.529	1.397	4.578	8.133	1.4443
RP100/A	1.245	1.349	1.430	4.609	8.942	2.0661
RP1000/A	1.309	1.520	1.520	1.170	2.442	2.442
RP10000/A	1.443	1.666	1.376	1.041	1.432	3.2044
PMP/A	1.653	1.476	1.359	1.474	2.177	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HHM	LATITUDE	LONGITUDE	COUNTY CODE
ASN ORDER SUB E40 6135 0	OAKLAND NWS	3						37.133	122.290	07

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	1.98	2.45	2.85	3.11	3.36	3.59	4.06	4.53	5.43	6.07	7.24	10.71	19.95
5	2.40	3.55	4.12	4.47	4.83	5.12	5.72	6.33	7.56	8.42	10.11	14.77	26.02
10	3.34	4.33	5.00	5.39	5.79	6.14	6.74	7.47	8.88	9.89	11.73	17.25	26.53
20	3.95	5.08	5.84	6.26	6.70	7.10	7.78	8.52	10.09	11.23	13.30	19.49	32.60
25	4.01	5.31	6.11	6.54	6.99	7.40	8.09	8.85	10.65	11.64	13.78	20.17	33.53
40	4.34	5.81	6.66	7.11	7.58	8.03	8.24	9.51	11.22	12.48	14.77	21.57	35.40
50	4.50	6.04	6.93	7.38	7.86	8.32	9.03	9.82	11.57	12.87	15.23	22.22	36.26
100	4.97	6.76	7.73	8.20	8.71	9.21	9.93	10.76	12.64	14.05	16.52	24.17	38.81
200	5.44	7.44	8.52	9.01	9.53	10.09	10.80	11.68	13.67	15.20	17.96	26.05	41.23
1000	6.50	9.11	10.33	10.89	11.42	12.08	12.78	13.71	15.95	17.73	20.44	30.20	46.48
10000	7.97	11.42	12.87	13.44	14.09	14.84	15.49	16.50	19.08	21.18	24.99	35.79	53.36
PMP	15.27	20.51	23.67	24.28	27.03	28.57	31.33	34.19	40.80	45.03	52.94	78.08	122.70
MEAN	2.144	2.754	3.178	3.442	3.706	3.938	4.382	4.853	5.775	6.447	7.685	11.300	20.518
CLOCK HR. COR.	1.140	1.071	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.134	1.172	1.191	1.027	.996	.916	.825	.651	.245	.317	.391	.364	-0.181
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.900	.500
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.900	.500
KURTOSIS	4.763	5.135	6.873	5.424	4.806	4.184	3.482	3.750	2.887	3.283	3.014	3.152	2.829
N	77	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1963	1899	1963	1963	1963	1936	1969	1969	1989	1911	1911	1911	1936
RECORD MAXIMUM	4.530	6.230	8.240	8.530	8.530	8.560	8.880	11.280	11.560	14.150	16.070	27.990	36.550
NORMALIZED MAX	2.700	3.050	3.751	3.593	3.277	2.947	2.592	3.281	2.703	3.107	2.743	2.565	2.417
CALC. COEF. VAR	.403	.414	.425	.412	.397	.396	.404	.385	.385	.385	.385	.385	.385
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.057	1.342	1.549	1.677	1.805	1.919	2.136	2.365	2.815	3.142	3.745	5.507	1.0000
RP10/A	1.027	1.210	1.236	1.262	1.282	1.291	1.330	1.363	1.430	1.480	1.576	1.847	1.4393
RP25/A	1.154	1.250	1.278	1.318	1.363	1.367	1.394	1.412	1.509	1.572	1.676	1.982	1.4342
RP50/A	1.212	1.294	1.332	1.357	1.397	1.407	1.439	1.461	1.561	1.624	1.722	1.9830	1.7672
RP100/A	1.264	1.397	1.376	1.398	1.422	1.449	1.488	1.526	1.615	1.649	1.808	1.780	1.917
RP1000/A	1.317	1.441	1.534	1.529	1.555	1.586	1.627	1.684	1.780	1.864	1.0204	1.4717	2.2652
RP10000/A	1.384	1.565	1.672	1.654	1.684	1.724	1.751	1.804	1.927	1.0324	1.2178	1.7444	2.8007
PMP/A	1.744	1.998	1.1537	1.2320	1.3184	1.3925	1.5269	1.6662	1.9787	2.1947	2.5824	3.6054	5.9800

PFAFSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB E40 6431 1	STATION NAME WINONA FILTERS	ELFV 376	SEC 33	TMP 014	WNG LOT 03M	HMM N	LATITUDE 37.843	LONGITUDE 122.280	COUNTY CODE 07				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS 4-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.476	3.744	4.57	5.10	5.56	6.13	6.84	7.62	8.42	9.35	11.22	15.95	30.13
5	4.16	5.77	6.61	7.44	7.94	8.60	9.65	10.65	11.72	12.94	15.51	22.00	39.30
10	4.94	7.03	8.01	9.47	9.53	10.31	11.45	12.55	13.77	15.24	18.14	25.68	44.60
20	5.74	8.25	9.37	11.43	11.03	11.92	13.13	14.33	15.65	17.30	20.61	29.02	49.24
25	5.98	8.63	9.74	11.88	11.50	12.43	13.65	14.87	16.27	17.93	21.36	30.04	50.64
50	6.47	9.44	10.74	13.44	11.87	13.46	15.40	17.40	19.23	22.40	27.32	37.45	61.27
100	6.71	9.82	11.10	12.28	12.43	13.47	15.22	16.51	17.95	19.63	23.61	33.09	54.76
150	7.41	11.94	12.34	13.66	14.13	15.47	16.74	18.04	19.60	21.65	25.76	35.99	58.62
200	8.11	12.15	13.66	15.00	15.49	16.94	18.22	19.63	21.20	23.41	27.63	36.78	62.27
1000	9.69	14.80	16.56	18.17	18.79	20.28	21.55	23.05	24.75	27.32	32.45	44.96	76.20
10000	11.88	18.55	20.63	22.37	23.11	24.93	26.13	27.74	29.50	32.64	38.73	53.29	86.59
PMP	22.77	33.32	37.95	42.08	44.53	47.94	52.84	57.47	62.95	69.37	82.13	116.26	185.31
MEAN	3.232	4.472	5.094	5.720	6.094	6.614	7.390	8.157	8.955	9.932	11.912	16.825	30.988
CLOCK HR. CUR.	1.140	1.074	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.517	2.244	2.460	2.836	2.977	3.174	3.464	3.955	4.857	5.721	6.445	8.440	13.33
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
KURTOSIS	6.426	10.025	15.393	16.643	16.639	17.031	18.473	19.788	21.002	22.480	24.605	29.620	50.290
N	35	35	35	31	31	31	31	35	31	31	35	31	35
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	6.620	12.078	17.110	18.680	18.190	18.190	18.190	18.190	18.460	18.800	22.480	29.060	50.290
NORMALIZED MAX	2.750	3.634	4.339	5.878	5.822	6.306	7.468	8.634	9.909	11.292	12.922	15.920	26.007
CALC. COEF. VAR	.381	.467	.544	.556	.547	.529	.492	.463	.450	.441	.405	.379	.322
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.394	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.394	.393	.394	.332
MEAN/A	1.043	1.443	1.644	1.944	1.948	2.145	2.385	2.632	2.891	3.205	3.644	5.430	10.000
RP10/A	1.066	2.260	2.586	2.844	3.075	3.327	3.604	3.954	4.445	4.917	5.667	8.689	14.933
RP25/A	1.129	2.708	3.160	3.812	4.111	4.411	4.795	5.235	5.746	6.341	7.141	10.903	16.942
RP50/A	1.164	3.168	3.583	3.964	4.173	4.504	4.912	5.327	5.792	6.400	7.014	10.677	17.672
RP100/A	1.239	3.540	3.998	4.407	4.623	4.993	5.502	5.934	6.325	6.947	7.612	11.614	18.917
RP1000/A	1.316	4.776	5.343	5.833	6.065	6.544	7.249	7.987	8.681	9.437	10.341	14.510	22.652
RP10000/A	1.734	5.965	6.657	7.218	7.457	8.045	8.942	9.855	10.811	11.849	12.988	17.198	26.007
PMP/A	7.348	11.752	12.246	13.576	14.344	15.447	17.050	19.545	22.035	24.237	26.504	37.519	59.800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB E40 6431 0	STATION NAME PINOLE CREEK	ELFV 215	SEC 305	TWP 305	WNG LOT H	HMM N	LATITUDE 37.972	LONGITUDE 122.241	COUNTY CODE 07				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS 4-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.008	2.61	3.10	3.41	3.67	4.03	4.54	4.91	5.66	6.00	7.35	10.72	19.58
5	2.93	3.78	4.49	4.90	5.25	5.74	6.40	6.86	7.87	8.33	10.17	14.78	25.54
10	3.44	4.60	5.41	5.91	6.30	6.88	7.60	8.09	9.25	9.78	11.92	17.26	28.98
20	4.03	5.40	6.36	6.87	7.29	7.96	8.71	9.23	10.51	11.11	13.51	19.50	32.00
25	4.20	5.65	6.65	7.17	7.60	8.29	9.05	9.58	10.89	11.51	14.00	20.19	32.91
50	4.54	6.18	7.26	7.80	8.24	8.94	9.22	10.30	11.69	12.35	15.01	21.59	34.74
100	4.71	6.43	7.54	8.09	8.54	9.32	10.10	10.64	12.05	12.73	15.47	22.24	35.58
150	5.20	7.19	8.41	8.94	9.46	10.32	11.10	11.66	13.16	13.90	16.88	24.19	38.09
200	5.69	7.95	9.28	9.88	10.37	11.31	12.09	12.64	14.23	15.03	18.24	26.07	40.46
1000	6.80	9.69	11.24	11.40	12.42	13.53	14.29	14.85	16.62	17.54	21.27	30.22	45.61
10000	8.34	12.14	14.01	14.73	15.27	16.63	17.33	17.87	19.86	20.95	25.39	35.82	52.37
PMP	15.94	21.81	25.77	27.71	29.42	32.02	35.05	37.10	42.27	44.54	53.93	78.15	120.41
MEAN	2.268	2.928	3.459	3.773	4.030	4.414	4.902	5.255	6.013	6.377	7.608	11.309	20.136
CLOCK HR. CUR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.363	1.976	2.322	1.840	1.748	1.613	1.262	1.234	.779	.726	.565	.840	.667
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.300	1.300	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.300	1.300	.900	.900	.900	.800	.500
KURTOSIS	4.818	6.466	9.773	6.893	5.955	4.984	4.744	4.647	3.203	3.011	2.832	3.188	2.456
RECORD YEAR	25	25	25	25	25	25	25	25	25	25	25	25	25
RECORD MAXIMUM	1940	1963	1963	1963	1963	1963	1956	1956	1956	1956	1956	1940	1958
RECORD MAXIMUM	3.970	6.820	9.930	10.370	10.370	10.370	11.440	11.800	12.300	12.610	14.470	21.740	34.210
NORMALIZED MAX	1.989	2.709	3.420	3.151	2.819	2.562	2.723	2.757	2.425	2.253	2.300	2.274	1.912
CALC. COEF. VAR	.377	.491	.547	.555	.558	.531	.490	.452	.431	.434	.370	.406	.366
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.126	1.454	1.718	1.874	1.901	2.192	2.434	2.614	2.986	3.167	3.878	5.617	10.000
RP10/A	1.174	2.285	2.703	2.933	3.127	3.416	3.773	4.019	4.594	4.859	5.916	8.574	14.933
RP25/A	1.203	2.606	3.030	3.560	3.774	4.119	4.496	4.758	5.410	5.718	6.953	10.027	16.942
RP50/A	1.237	3.192	3.745	4.018	4.243	4.629	5.014	5.283	5.985	6.324	7.684	11.045	17.672
RP100/A	1.258	3.572	4.178	4.466	4.701	5.127	5.515	5.789	6.537	6.704	8.084	12.014	18.917
RP1000/A	1.376	4.912	5.684	5.912	6.167	6.722	7.199	7.375	8.254	8.712	10.504	15.809	22.652
RP10000/A	1.414	6.029	6.958	7.316	7.583	8.261	8.607	8.875	9.864	10.407	12.608	17.790	26.007
PMP/A	7.936	11.032	12.800	13.762	14.610	15.903	17.405	18.385	20.994	22.122	26.735	38.810	59.800

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RHW	LATITUDE	LONGITUDE	COUNTY CODE
E40 7070 0	PORT CHICAGO N A D	50		02N	01W	M	34.017	122.017	07
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR			
2	1.454	1.99	2.35	3.48	5.41	14.34			
5	2.29	2.88	3.40	5.42	8.12	19.10			
10	2.62	3.51	4.13	6.49	9.67	22.27			
20	3.02	4.12	4.82	7.52	11.13	25.27			
25	3.15	4.31	5.04	7.44	11.58	26.21			
40	3.41	4.71	5.50	8.51	12.53	28.14			
50	3.53	4.90	5.72	8.82	12.97	29.07			
100	3.91	5.44	6.38	9.76	14.23	31.85			
200	4.27	6.06	7.03	10.73	15.60	34.59			
1000	5.11	7.39	8.52	12.89	18.67	40.78			
10000	6.26	10.26	11.62	15.93	22.86	49.40			
PMP	12.00	16.63	19.54	26.73	40.60	92.20			
MEAN	1.703	2.232	2.622	4.221	6.335	15.417			
CLOCK HR. CUF.	1.140	1.470	1.690	1.010	1.011	1.000			
CALCULATED SKEW	1.124	2.000	2.577	4.65	4.277	4.817			
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300			
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300			
KURTOSIS	5.723	12.502	12.644	2.642	1.479	2.991			
RECORD YEAR	26	26	26	26	26	26			
RECORD MAXIMUM	1963	1963	1963	1963	1964	1964			
NORMALIZED MAX	3.210	6.171	7.870	8.050	10.251	28.440			
CALC. COEF. VAR	2.420	3.479	3.759	6.130	1.647	2.286			
REGION. COEF. VAR	.306	.493	.532	.426	.376	.371			
USED COEF. VAR	.403	.430	.430	.403	.393	.332			
MEAN/A	.1105	.1448	.1701	.2738	.4104	1.0000			
MP10/A	.1701	.2275	.2676	.4212	.6271	1.4444			
MP25/A	.2044	.2794	.3270	.5085	.7513	1.6900			
MP50/A	.2242	.3178	.3707	.5723	.8415	1.8853			
MP100/A	.2536	.3557	.4137	.6367	.9294	2.0001			
MP1000/A	.3311	.4792	.5529	.8359	1.2111	2.6452			
MP10000/A	.4061	.6004	.6889	1.0313	1.4030	3.2044			
PMP/A	.7784	1.1786	1.2672	1.9286	2.9330	5.9800			

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RHW	LATITUDE	LONGITUDE	COUNTY CODE
E40 7414 0	HIGHMONT	45				M	37.933	122.350	07
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR			
2	2.24	2.80	3.26	5.43	8.31	20.96			
5	3.16	4.06	4.71	7.66	11.62	27.91			
10	3.77	4.94	5.71	9.18	13.83	32.55			
20	4.35	5.80	6.67	10.63	15.91	36.93			
25	4.53	6.07	6.98	11.09	16.57	38.30			
40	4.90	6.64	7.61	12.03	17.92	41.15			
50	5.08	6.90	7.91	12.48	18.55	42.48			
100	5.61	7.73	8.83	13.84	20.64	46.55			
200	6.14	8.54	9.73	15.18	22.39	50.54			
1000	7.33	10.41	11.89	18.22	26.70	59.60			
10000	9.99	13.04	14.70	22.40	32.71	72.20			
PMP	17.24	23.43	27.04	42.05	62.47	134.73			
MEAN	2.447	3.145	3.630	5.950	9.060	22.531			
CLOCK HR. CUF.	1.140	1.470	1.690	1.010	1.010	1.000			
CALCULATED SKEW	.894	1.168	.963	.388	.195	.475			
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300			
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300			
KURTOSIS	4.102	4.394	5.085	3.022	2.041	2.652			
RECORD YEAR	23	23	23	23	23	23			
RECORD MAXIMUM	1970	1963	1963	1956	1951	1958			
NORMALIZED MAX	3.900	5.760	6.880	10.730	14.461	39.300			
CALC. COEF. VAR	1.484	2.409	2.663	2.236	1.601	2.147			
REGION. COEF. VAR	.315	.345	.336	.357	.372	.347			
USED COEF. VAR	.403	.430	.430	.403	.393	.332			
MEAN/A	.1086	.1396	.1611	.2649	.4021	1.0000			
MP10/A	.1672	.2193	.2535	.4076	.6137	1.4444			
MP25/A	.2009	.2694	.3097	.4920	.7353	1.6999			
MP50/A	.2203	.3064	.3511	.5537	.8235	1.8803			
MP100/A	.2492	.3429	.3918	.6141	.9096	2.0661			
MP1000/A	.3255	.4619	.5236	.8088	1.1853	2.6452			
MP10000/A	.3942	.5788	.6524	.9979	1.4514	3.2044			
PMP/A	.7051	1.0399	1.2002	1.8662	2.7726	5.9800			

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 *WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE
E40 7414 1	RICHMOND CORP YARD	25				M	37.905	122.369	07
MAXIMUM PRECIPITATION FOR INDICATED DURATION N-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR			
2	2.37	3.20	3.50	5.63	8.15	20.96			
5	3.34	4.64	5.06	7.90	11.40	27.44			
10	3.99	5.05	6.14	9.54	13.57	32.52			
20	4.60	6.63	7.17	11.04	15.51	36.90			
25	4.79	6.94	7.50	11.51	16.25	38.27			
40	5.19	7.53	8.18	12.49	17.54	41.12			
50	5.37	7.90	8.50	12.95	18.21	42.45			
100	6.34	8.84	9.44	14.37	20.11	46.52			
200	6.50	9.77	10.46	15.76	21.97	50.51			
1000	7.76	11.91	12.67	18.92	25.20	59.55			
10000	9.52	14.92	15.79	23.35	32.09	72.14			
FMP	18.25	26.81	28.05	43.66	61.29	116.63			
MEAN	2.591	3.597	3.699	6.197	8.991	29.514			
CLOCK MR. COR.	1.160	1.270	1.040	1.010	1.010	1.000			
CALCULATED SKEW	.770	1.174	1.270	.964	.734	.494			
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300			
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300			
KURTOSIS	3.145	3.699	4.475	4.203	4.014	2.808			
RECORD YEAR	20	20	20	20	20	20			
RECORD MAXIMUM	1967	1963	1963	1956	1956	1958			
NORMALIZED MAX	3.980	6.372	7.440	12.430	17.040	36.920			
CALC. COEF. VAR	1.544	1.424	2.381	2.527	2.529	2.131			
REGION. COEF. VAR	.438	.401	.391	.398	.365	.363			
USED COEF. VAR	.403	.430	.430	.403	.393	.332			
MEAN/A	.1151	.1598	.1732	.2753	.3944	1.0000			
RP10/A	.1772	.2511	.2725	.4235	.6026	1.4444			
RP25/A	.2128	.3184	.3330	.5113	.7220	1.6999			
RP50/A	.2347	.3508	.3775	.5754	.8086	1.8453			
RP100/A	.2640	.3925	.4212	.6382	.8931	2.0661			
RP1000/A	.3449	.5288	.5630	.8405	1.1838	2.6452			
RP10000/A	.4230	.6626	.7015	1.1370	1.4252	3.2044			
FMP/A	.8107	1.1904	1.2904	1.4393	2.7224	5.9800			

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE
E40 7472 12	SAN PABLO PATROL HOUSE	335	2H	01N	01W	M	37.905	122.217	07
MAXIMUM PRECIPITATION FOR INDICATED DURATION N-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR			
2	2.89	3.66	4.31	7.31	10.72	27.15			
5	4.08	5.30	6.23	10.32	14.99	36.16			
10	4.86	6.45	7.55	12.37	17.84	42.17			
20	5.61	7.57	8.83	14.32	20.53	47.84			
25	5.84	7.92	9.23	14.93	21.37	49.62			
40	6.33	8.66	10.07	16.20	24.12	53.31			
50	6.55	9.01	10.47	16.80	25.93	55.03			
100	7.25	10.08	11.64	18.63	28.44	60.31			
200	7.93	11.15	12.87	20.44	28.89	65.48			
1000	9.47	13.58	15.61	24.54	34.45	77.22			
10000	11.41	17.02	19.45	31.26	42.18	93.54			
FMP	22.26	31.58	35.77	56.62	80.58	174.56			
MEAN	3.159	4.104	4.802	8.037	11.687	29.191			
CLOCK MR. COR.	1.140	1.070	1.040	1.010	1.010	1.000			
CALCULATED SKEW	1.116	.962	.237	.530	.348	.464			
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300			
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300			
KURTOSIS	4.349	4.489	2.286	2.730	1.962	2.410			
RECORD YEAR	21	21	21	21	21	21			
RECORD MAXIMUM	1967	1967	1967	1956	1956	1958			
NORMALIZED MAX	5.120	7.450	7.680	15.140	19.950	47.050			
CALC. COEF. VAR	1.927	2.298	1.708	2.154	1.469	1.863			
REGION. COEF. VAR	.222	.355	.351	.410	.391	.328			
USED COEF. VAR	.403	.430	.430	.403	.393	.332			
MEAN/A	.1082	.1406	.1645	.2753	.4004	1.0000			
RP10/A	.1666	.2209	.2508	.4236	.6111	1.4444			
RP25/A	.2002	.2714	.3183	.5114	.7321	1.6999			
RP50/A	.2258	.3086	.3585	.5755	.8099	1.8453			
RP100/A	.2483	.3454	.4001	.6383	.9956	2.0661			
RP1000/A	.3244	.4653	.5347	.8407	1.1801	2.6452			
RP10000/A	.3978	.5830	.6662	1.0372	1.4451	3.2044			
FMP/A	.7625	1.0475	1.2255	1.9397	2.7605	5.9800			

PEARSON TYPE III DISTRIBUTION USED

PROBABLY MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SFC	TWP	RNG LOT	RHW	LATITUDE	LONGITUDE	COUNTY CODE				
E40 7472 14	SAN PABLO RES	357	330	12	01N	74W	M	37.941	122.242	07			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	7650
2	2.60	3.35	4.04	4.52	4.91	5.33	6.05	6.89	7.46	8.42	9.88	13.78	25.91
5	3.67	4.45	5.05	5.49	5.82	6.29	7.12	8.04	8.84	10.34	11.70	15.00	33.80
10	4.38	5.21	5.79	6.23	6.52	7.01	7.94	8.91	9.74	11.24	12.53	15.00	22.19
20	5.15	6.03	6.59	7.01	7.25	7.75	8.68	9.69	10.53	12.03	13.33	15.00	22.19
25	5.26	6.16	6.72	7.14	7.38	7.88	8.81	9.82	10.66	12.16	13.46	15.00	22.19
50	5.69	6.59	7.15	7.57	7.81	8.31	9.24	10.25	11.09	12.59	13.89	15.00	22.19
100	5.90	6.80	7.36	7.78	8.02	8.52	9.45	10.46	11.30	12.80	14.10	15.00	22.19
200	6.12	7.02	7.58	8.00	8.24	8.74	9.67	10.68	11.52	13.02	14.32	15.00	22.19
1000	7.13	8.03	8.59	9.01	9.25	9.75	10.68	11.69	12.53	14.03	15.33	15.00	22.19
10000	10.45	15.61	18.25	19.45	20.42	22.01	23.09	25.11	26.18	29.11	34.09	44.04	69.30
PMF	20.02	24.02	33.55	36.74	39.45	42.36	46.69	52.00	55.73	62.52	72.30	100.44	159.35
MEAN	2.442	3.761	4.507	5.002	5.493	5.839	6.531	7.380	7.927	8.951	10.480	14.535	26.647
CLOCK HR. COR.	1.140	1.470	1.650	1.820	1.910	1.910	1.600	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.224	1.444	1.634	1.835	1.907	1.907	1.617	1.031	1.031	1.031	1.031	1.031	1.031
REGIONAL SKEW	1.300	1.400	1.500	1.600	1.700	1.800	1.900	2.000	2.100	2.200	2.300	2.400	2.500
SKEW USED	1.300	1.400	1.500	1.600	1.700	1.800	1.900	2.000	2.100	2.200	2.300	2.400	2.500
KURTOSIS	3.750	5.930	9.008	12.741	17.747	24.204	32.693	42.525	53.008	64.114	76.842	92.121	110.842
N	21	21	21	17	17	17	17	17	17	17	17	17	17
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	4.300	4.300	10.700	11.400	11.400	11.700	13.110	13.100	14.760	15.350	17.130	25.360	44.520
NORMALIZED MAX	1.564	2.579	3.700	4.438	4.702	5.168	6.311	7.146	8.183	9.183	10.752	15.105	26.119
CALC. COEF. VAR	.432	.440	.447	.456	.462	.464	.436	.409	.395	.386	.363	.354	.332
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.066	1.411	1.691	1.877	2.023	2.191	2.451	2.771	2.975	3.359	3.935	5.455	1.0000
RP10/A	1.642	2.218	2.661	2.938	3.161	3.415	3.794	4.266	4.576	5.154	6.005	8.327	1.4444
RP25/A	1.973	2.724	3.261	3.538	3.761	4.025	4.527	5.051	5.369	6.005	7.057	9.730	1.6342
RP50/A	2.213	3.049	3.687	4.025	4.289	4.602	5.044	5.607	5.962	6.707	7.778	1.0727	1.7672
RP100/A	2.447	3.464	4.114	4.474	4.751	5.125	5.552	6.144	6.512	7.323	8.509	1.1668	1.8917
RP1000/A	3.196	4.671	5.549	6.262	6.733	7.191	7.747	8.421	8.823	9.941	1.0721	1.4577	2.2652
RP10000/A	7.920	15.553	22.559	27.321	29.644	32.688	36.605	41.119	43.820	50.820	58.138	72.795	2.6007
PMF/A	7.513	14.515	21.201	23.787	25.767	28.589	32.523	36.913	40.913	47.344	55.732	72.795	2.6007

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SFC	TWP	RNG LOT	RHW	LATITUDE	LONGITUDE	COUNTY CODE	
E40 9185 0	UPPER SAN LEANDRO RES	360	490	30	02S	02W	M	37.796	122.115	07
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	F YR			
2	2.12	2.46	3.37	4.60	6.53	15.01				
5	3.27	4.29	4.88	6.49	4.13	19.98				
10	5.22	5.92	7.78	10.86	23.30					
20	4.50	6.12	6.92	9.01	12.30	26.44				
25	4.69	6.41	7.23	9.39	13.01	27.42				
40	5.08	7.01	7.89	10.20	14.07	29.46				
50	5.26	7.29	8.20	10.57	14.57	30.41				
100	5.42	8.15	9.15	11.72	16.09	33.33				
200	6.36	9.02	10.09	12.86	17.54	36.19				
1000	7.60	1.99	12.23	15.44	20.47	42.67				
10000	9.32	13.77	15.24	19.55	25.66	51.69				
PMF	17.66	24.75	28.03	36.63	44.26	56.47				
MEAN	2.535	3.322	3.763	5.057	7.115	16.132				
CLOCK HR. COR.	1.140	1.270	1.040	1.010	1.010	1.000				
CALCULATED SKEW	3.120	3.111	3.366	1.792	.403	.294				
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300				
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300				
KURTOSIS	15.731	15.083	17.179	7.595	2.186	2.109				
N	30	30	30	30	30	30				
RECORD YEAR	1963	1963	1963	1963	1963	1963				
RECORD MAXIMUM	7.000	11.900	13.100	13.720	13.720	35.070				
NORMALIZED MAX	3.613	3.050	4.265	3.548	1.961	1.846				
CALC. COEF. VAR	.492	.492	.584	.483	.473	.456				
REGION. COEF. VAR	.403	.430	.430	.403	.403	.332				
USED COEF. VAR	.403	.430	.430	.403	.403	.332				
MEAN/A	1.571	2.059	.2332	.3135	.4410	1.0000				
RP10/A	2.419	3.236	.3670	.4624	.6731	1.4446				
RP25/A	2.916	3.974	.4495	.5823	.8084	1.6990				
RP50/A	3.260	4.450	.5084	.6553	.9032	1.8853				
RP100/A	3.605	5.059	.5673	.7268	.9776	2.0661				
RP1000/A	4.709	6.814	.7581	.9572	1.2499	2.6452				
RP10000/A	5.776	8.538	.9444	1.1610	1.2919	3.2044				
PMF/A	1.1070	1.5340	1.7376	2.2095	3.0640	5.9500				

PEARSON TYPE III DISTRIBUTION USED

PROXIMATE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE											
STATION NO. BSN ORDER SUB E40 9423 0	STATION NAME WALNUT CREEK 2 FSE		FELEV 245	SFC 36	TWP 01N	RNG LOT 02W	FWM M	LATITUDE 37.803	LONGITUDE 122.013	COUNTY CODE 07	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR					
2	2.70	2.89	3.35	5.15	7.89	18.48					
5	3.09	4.18	4.85	7.29	11.01	24.61					
10	3.69	5.09	5.88	8.74	14.10	28.70					
20	4.26	5.97	6.88	10.11	15.38	32.57					
25	4.44	6.25	7.10	10.55	15.70	33.78					
40	4.80	6.84	7.84	11.45	16.98	36.70					
50	4.98	7.11	8.15	11.87	17.50	37.46					
100	5.60	7.98	9.09	13.16	19.42	41.05					
200	6.19	8.60	10.03	14.44	21.22	44.67					
1000	7.19	10.72	12.15	17.39	25.30	52.58					
10000	8.82	13.43	15.14	21.39	30.99	63.67					
PMF	16.90	24.13	27.86	41.00	59.19	118.82					
MEAN	2.394	3.239	3.739	5.678	8.345	19.870					
CLOCK HR. COR.	1.140	1.170	1.040	1.010	1.010	1.000					
CALCULATED SKEW	1.011	1.407	1.049	1.009	0.683	.353					
REGIONAL SKEW	1.100	1.400	1.500	1.400	1.300	1.300					
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300					
KURTOSIS	4.214	5.581	7.179	4.471	3.104	2.494					
N	47	47	47	46	46	46					
RECORD YEAR	1916	1963	1963	1956	1956	1958					
RECORD MAXIMUM	4.550	7.150	10.430	13.460	17.320	30.210					
NORMALIZED MAX	7.160	3.193	3.698	3.280	2.557	2.368					
CALC. COEF. VAR	.380	.446	.484	.414	.394	.345					
REGION. COEF. VAR	.403	.430	.430	.403	.393	.332					
USED COEF. VAR	.403	.430	.430	.403	.393	.332					
MEAN/A	.1207	.1630	.1882	.2857	.4321	1.0000					
HP10/A	.1959	.2562	.2961	.4397	.6594	1.4444					
HP25/A	.2233	.3146	.3618	.5318	.7780	1.6999					
HP50/A	.2505	.3679	.4102	.6073	.8848	1.8843					
RP100/A	.2770	.4405	.4577	.6625	.9774	2.0061					
RP1000/A	.3614	.5395	.6117	.8725	1.2735	2.6452					
RP10000/A	.4438	.6768	.7622	1.1765	1.5993	3.2044					
PMF/A	.8555	1.2145	1.4020	2.0131	2.9791	5.9808					

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME		ELFV	SEC	TWP	RNG LOT	FWM	LATITUDE	LONGITUDE	COUNTY CODE			
E40 9423 1	WALNUT CREEK PUMPING PLT		125	36	01N	02W	M	37.923	122.073	07			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR							
2	2.31	3.01	3.49	5.18	7.62	18.87							
5	3.25	4.36	5.05	7.32	10.66	25.14							
10	3.88	5.32	6.13	8.77	12.68	29.31							
20	4.47	6.24	7.16	10.16	14.59	33.24							
25	4.66	6.53	7.49	11.59	15.14	34.50							
40	5.05	7.14	8.17	11.50	16.43	37.06							
50	5.23	7.43	8.49	11.92	17.01	38.26							
100	5.70	8.31	9.47	13.22	18.79	41.92							
200	6.32	9.19	10.44	14.50	20.54	45.52							
1000	7.55	11.19	12.66	17.41	24.47	53.68							
10000	9.26	14.03	15.77	21.48	29.99	65.02							
PMF	17.75	25.20	29.01	40.17	57.28	121.35							
MEAN	2.514	3.382	3.893	5.732	8.309	20.292							
CLOCK HR. COR.	1.140	1.170	1.040	1.010	1.010	1.000							
CALCULATED SKEW	1.093	1.693	1.084	1.006	.429	.464							
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300							
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300							
KURTOSIS	5.326	6.947	7.107	4.301	2.747	2.098							
N	35	35	35	35	35	35							
RECORD YEAR	1970	1963	1963	1956	1956	1958							
RECORD MAXIMUM	4.370	8.710	10.840	12.870	18.780	34.420							
NORMALIZED MAX	2.404	3.224	3.447	2.867	2.586	2.061							
CALC. COEF. VAR	.405	.488	.518	.438	.394	.338							
REGION. COEF. VAR	.403	.430	.430	.403	.393	.332							
USED COEF. VAR	.403	.430	.430	.403	.393	.332							
MEAN/A	.1262	.1667	.1919	.2810	.4094	1.0000							
HP10/A	.1912	.2619	.3019	.4324	.6249	1.4444							
HP25/A	.2294	.3217	.3689	.5220	.7486	1.6999							
HP50/A	.2576	.3659	.4182	.5874	.8385	1.8853							
RP100/A	.2848	.4495	.4666	.6515	.9241	2.0061							
RP1000/A	.3721	.5516	.6237	.8580	1.2064	2.6452							
RP10000/A	.4564	.6412	.7771	1.0587	1.4778	3.2044							
PMF/A	.8747	1.2418	1.4294	1.9798	2.8230	5.9800							

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SFC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY
RSN ORDER SUB										CODE
E40 9475 0	WALNUT CREEK 2 LNF	245	36	01N	02W		N	37.443	122.033	07
MAXIMUM PRECIPITATION FOR INDICATED DURATION (DAYS-HOURS)										
RETURN PERIOD IN YEARS	10	20	30	100	300	F YR				
2	2.14	2.77	3.14	4.44	7.44	16.72				
5	3.68	4.02	4.61	7.05	10.44	21.74				
10	3.67	4.89	5.59	8.44	12.47	25.35				
20	4.23	5.74	6.53	9.77	14.35	26.76				
25	4.41	6.01	6.83	10.10	14.64	26.83				
40	4.78	6.57	7.44	11.16	16.16	32.65				
50	4.95	6.83	7.74	11.47	16.73	33.09				
100	5.47	7.65	8.64	12.72	18.44	36.24				
200	5.47	8.45	9.52	13.47	20.24	39.37				
1000	7.15	11.30	11.54	16.75	24.04	46.42				
10000	8.77	12.91	14.34	20.67	29.49	56.24				
PMF	16.80	23.19	26.46	36.65	56.74	106.95				
MEAN	2.345	3.113	3.551	5.446	8.170	17.550				
CLOCK HR. COR.	1.145	1.077	1.040	1.010	1.010	1.000				
CALCULATED SKEW	1.152	1.458	1.609	2.058	1.876					
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300				
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300				

KURTOSIS	4.252	5.547	6.824	3.657	2.242	2.674				
RECORD YEAR	25	25	25	25	25	29				
RECORD MAXIMUM	1963	1963	1963	1956	1944	1968				
NORMALIZED MAX	2.012	2.666	3.077	2.533	2.132	2.267				
CALC. COEF. VAR	.442	.513	.532	.435	.401	.363				
REGION. COEF. VAR	.403	.430	.430	.403	.393	.332				
USED COEF. VAR	.403	.430	.430	.403	.393	.332				
MEAN/A	1.359	1.774	2.024	3.125	4.056	1.0000				
RP10/A	.2092	.2708	.3184	.4410	.7100	1.4444				
RP25/A	.2514	.3424	.3891	.5807	.8513	1.6949				
RP50/A	.2819	.3844	.4411	.6515	.9539	1.8843				
RP100/A	.3117	.4358	.4922	.7245	1.0331	2.0661				
RP1000/A	.4077	.5871	.6578	1.3723	2.4452					
RP10000/A	.4495	.7356	.8195	1.7777	1.9804	3.2044				
PMF/A	.9574	1.4216	1.5076	2.2024	3.6101	5.9800				

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB E50 48 0	STATION NAME ALAMO CREEK	ELEV 101	SEC 06E	TWP 32	RNG LOT 01S 01E E	HWM H	LATITUDE 37.482	LONGITUDE 121.801	COUNTY CODE 43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION (DAYS-HOURS)										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.76	2.27	2.64	2.93	3.24	3.43	3.90	4.24	4.98	5.43
5	2.46	3.24	3.82	4.20	4.63	4.89	5.50	5.94	6.93	7.54
10	2.97	4.01	4.64	5.09	5.58	5.86	6.53	7.05	8.14	8.85
20	3.42	4.71	5.42	6.06	6.63	6.77	7.44	8.04	9.25	10.44
25	3.56	4.93	5.67	6.14	6.71	7.04	7.78	8.35	9.59	10.41
40	3.86	5.39	6.18	6.68	7.24	7.66	7.92	8.96	10.24	11.17
50	4.00	5.60	6.42	6.93	7.54	7.94	8.67	9.47	10.82	11.52
100	4.42	6.27	7.17	7.71	8.36	8.79	9.54	10.16	11.59	12.57
200	4.83	6.93	7.90	8.47	9.15	9.63	10.34	11.07	12.54	13.59
1000	5.77	8.45	9.58	10.20	10.96	11.52	12.28	12.94	14.64	15.86
10000	7.04	1.159	11.94	12.63	13.48	14.14	14.89	15.58	17.50	18.95
PMF	13.47	19.02	21.96	23.75	25.97	27.26	30.10	32.27	37.24	40.28
MEAN	1.926	2.553	2.947	3.233	3.558	3.758	4.210	4.580	5.297	5.767
CLOCK HR. COR.	1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.542	1.666	1.609	1.094	.972	.821	.763	.667	.521	.498
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.400	1.300	1.100	1.000	.900	.900
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900

KURTOSIS	6.521	6.841	6.726	4.863	4.746	4.100	4.869	4.275	2.821	2.678	2.952	2.350	2.447
RECORD YEAR	1966	1959	1966	1959	1956	1956	1956	1956	1956	1956	1951	1958	1958
RECORD MAXIMUM	4.000	5.700	7.059	7.090	8.300	8.340	9.930	10.320	10.570	10.840	13.470	18.710	30.090
NORMALIZED MAX	2.976	3.149	3.390	3.031	3.328	3.049	3.445	3.323	2.713	2.263	2.389	2.292	2.162
CALC. COEF. VAR	.362	.391	.411	.394	.401	.406	.394	.377	.367	.364	.394	.390	.327
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1093	.1444	.1672	.1834	.2018	.2132	.2388	.2598	.3004	.3271	.3938	.5600	1.0000
RP10/A	.1482	.2276	.2630	.2871	.3153	.3322	.3701	.4000	.4622	.5019	.6010	.8549	1.4393
RP25/A	.2021	.2795	.3214	.3485	.3805	.4006	.4411	.4737	.5442	.5986	.7042	.9908	1.6342
RP50/A	.2267	.3179	.3644	.3934	.4278	.4502	.4919	.5260	.6022	.6532	.7804	1.1012	1.7672
RP100/A	.2506	.3558	.4066	.4372	.4739	.4986	.5411	.5763	.6576	.7131	.8515	1.1979	1.8917
RP1000/A	.3274	.4792	.5634	.5787	.6218	.6537	.6964	.7342	.8304	.8999	1.0729	1.4965	2.2652
RP10000/A	.4016	.6005	.6770	.7161	.7646	.8034	.8444	.8835	.9924	1.0749	1.2864	1.7738	2.6007
PMF/A	.7697	1.0788	1.2454	1.3471	1.4731	1.5965	1.7076	1.8304	2.1121	2.2850	2.7152	3.8696	5.9800

PEARSON TYPE III DISTRIBUTION USED

PHENOMENA MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. H5N ORDER SUR E50 146 0	STATION NAME ALTAMONT	ELEV 104	SEC 675	TWP 20	RNG LOT 025 03F L	HMM M	LATITUDE 37.742	LONGITUDE 121.779	COUNTY CODE 60	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.95	1.67	1.89	2.08	2.25	2.37	2.66	2.94	3.52	3.82
5	1.90	1.74	2.49	2.74	2.99	3.22	3.76	4.11	4.90	5.30
10	2.27	2.94	3.32	3.60	3.90	4.14	4.46	4.95	5.76	6.23
20	2.62	3.45	3.88	4.19	4.47	4.68	5.11	5.53	6.54	7.07
25	2.73	3.62	4.06	4.37	4.66	4.88	5.31	5.74	6.79	7.33
40	2.95	3.95	4.43	4.75	5.05	5.29	5.71	6.18	7.28	7.86
50	3.14	4.11	4.60	4.92	5.22	5.48	5.90	6.30	7.51	8.10
100	3.18	4.60	5.14	5.44	5.80	6.07	6.52	6.99	8.20	8.85
200	3.70	5.09	5.66	6.03	6.35	6.65	7.09	7.50	8.87	9.56
1000	4.42	6.20	6.87	7.26	7.61	7.96	8.39	8.81	10.35	11.16
10000	5.42	7.77	8.55	8.98	9.35	9.76	10.17	10.71	12.37	13.33
PMP	10.74	13.46	15.74	17.40	18.83	18.83	20.57	22.19	26.33	28.74
MEAN	1.474	1.473	2.112	2.301	2.476	2.595	2.876	3.150	3.740	4.058
CLOCK HR. COV.	1.140	1.171	1.348	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.986	1.799	1.636	1.291	1.162	1.131	1.063	1.077	1.066	1.014
REGIONAL SKEW	1.360	1.600	1.500	1.450	1.300	1.300	1.100	1.000	1.000	1.000
SKEW USED	1.360	1.600	1.500	1.450	1.300	1.300	1.100	1.000	1.000	1.000
KURTOSIS	7.570	5.74	5.443	4.320	4.443	4.195	3.086	3.106	2.960	3.002
N	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1919	1919	1919	1919	1956	1956	1956	1956	1952	1951
RECORD MAXIMUM	3.470	4.490	4.900	4.900	4.950	5.300	5.000	5.010	6.420	7.240
NORMALIZED MAX	2.471	2.900	2.985	2.753	2.595	2.744	2.573	2.506	2.236	2.277
CALC. COEF. VAR	4.72	4.67	4.42	4.23	4.20	4.17	4.10	4.03	4.02	3.99
REGION. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
USED COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
MEAN/A	1.150	1.161	1.648	1.773	1.927	2.025	2.244	2.454	2.922	3.146
RP10/A	1.177	1.227	1.592	1.710	1.810	1.955	2.178	2.375	2.945	3.187
RP25/A	1.212	1.271	1.668	1.811	1.933	2.085	2.315	2.514	3.094	3.346
RP50/A	1.268	1.320	1.591	1.850	1.985	2.126	2.360	2.559	3.139	3.391
RP100/A	1.343	1.399	1.607	1.874	2.025	2.176	2.410	2.604	3.184	3.436
RP1000/A	1.444	1.503	1.656	1.925	2.075	2.226	2.460	2.659	3.239	3.491
RP10000/A	1.627	1.686	1.839	2.107	2.257	2.408	2.642	2.836	3.416	3.668
PMP/A	9.101	11.087	12.276	13.855	15.065	16.490	18.044	19.731	23.054	25.112

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. H5N ORDER SUR E50 319 2	STATION NAME ARROYO HUCHU	ELEV 105	SEC 2700	TWP 34	RNG LOT 055 44E G	HMM M	LATITUDE 37.456	LONGITUDE 121.517	COUNTY CODE 43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.76	1.85	2.00	2.17	2.30	2.46	2.70	2.98	3.49	3.88
5	2.48	2.69	2.90	3.11	3.29	3.51	3.80	4.17	4.95	5.39
10	2.97	3.27	3.52	3.75	3.95	4.20	4.51	4.92	5.70	6.13
20	3.42	3.84	4.11	4.30	4.57	4.86	5.17	5.61	6.47	7.19
25	3.66	4.02	4.30	4.55	4.76	5.07	5.38	5.82	6.71	7.45
40	3.85	4.33	4.65	4.95	5.17	5.50	5.88	6.26	7.20	7.99
50	3.99	4.57	4.87	5.13	5.36	5.70	6.00	6.46	7.43	8.24
100	4.41	5.11	5.43	5.75	5.93	6.31	6.60	7.08	8.11	9.00
200	4.93	5.65	5.99	6.27	6.50	6.91	7.18	7.68	8.77	9.73
1000	5.77	6.69	7.26	7.55	7.76	8.27	8.44	9.02	10.24	11.35
10000	7.07	8.63	9.05	9.35	9.57	10.17	10.30	10.80	12.24	13.56
PMP	13.56	15.50	16.65	17.58	18.44	19.57	20.82	22.49	26.05	28.83
MEAN	1.724	2.081	2.234	2.393	2.526	2.698	2.912	3.192	3.768	4.127
CLOCK MR. COV.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.956	1.572	1.416	1.467	1.199	1.309	1.274	1.042	1.062	1.056
REGIONAL SKEW	1.360	1.600	1.500	1.450	1.300	1.300	1.100	1.000	1.000	1.000
SKEW USED	1.360	1.600	1.500	1.450	1.300	1.300	1.100	1.000	1.000	1.000
KURTOSIS	3.775	5.330	4.965	5.385	4.714	5.529	4.668	5.041	3.974	3.628
N	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1956	1951	1919	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	3.756	4.640	4.910	5.670	5.670	6.230	6.630	7.320	7.610	8.170
NORMALIZED MAX	2.127	2.613	2.615	3.005	2.942	2.732	3.130	3.277	2.990	2.843
CALC. COEF. VAR	4.52	5.05	4.58	4.56	4.23	4.05	3.64	3.83	3.152	3.369
REGION. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
USED COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
MEAN/A	1.510	1.632	1.753	1.878	1.982	2.116	2.285	2.504	2.907	3.238
RP10/A	1.2324	1.2665	1.758	1.939	2.077	2.228	2.511	2.657	3.242	3.467
RP25/A	1.2752	1.3151	1.815	1.987	2.132	2.289	2.572	2.719	3.304	3.529
RP50/A	1.3132	1.3584	1.820	2.026	2.202	2.400	2.706	2.870	3.457	3.684
RP100/A	1.3463	1.4111	1.823	2.046	2.205	2.400	2.706	2.870	3.457	3.684
RP1000/A	1.4525	1.5403	1.967	2.224	2.410	2.630	2.963	3.177	3.836	4.086
RP10000/A	1.5549	1.6769	2.098	2.331	2.509	2.727	3.074	3.286	4.036	4.286
PMP/A	1.0636	1.2162	1.3058	1.3791	1.4468	1.5355	1.6334	1.7644	2.0438	2.2614

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	T&P	WNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE				
E50 691 0	HEMARELEY	249	015	N3W	M	37+007	122+250	NO					
MAXIMUM PRECIPITATION FOR INDICATED DURATION T-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	7.24	2.00	1.26	1.00	0.94	4.30	4.96	5.34	6.36	7.03	8.25	12.14	27.23
5	3.21	4.06	4.71	5.16	5.62	6.12	6.91	7.46	8.86	9.77	11.61	16.74	30.30
10	1.84	4.95	5.72	6.23	6.75	7.34	8.20	8.80	10.41	11.47	13.38	19.55	36.39
20	4.42	5.60	6.04	6.24	6.41	6.64	6.90	7.18	11.82	13.02	15.17	22.08	37.96
25	4.81	6.08	6.49	6.70	6.88	7.11	7.37	7.64	12.20	13.50	15.72	22.86	39.04
40	4.99	6.04	7.62	8.22	8.83	9.60	9.95	11.21	13.15	14.45	16.85	24.45	41.22
50	5.17	6.01	7.92	8.53	9.15	9.95	10.80	11.57	13.56	14.91	17.37	25.18	42.22
100	5.71	7.73	8.84	9.55	10.14	11.02	11.94	12.67	14.91	16.30	18.95	27.19	45.19
200	6.25	8.55	9.71	10.42	11.11	12.07	13.06	13.75	16.02	17.42	20.48	29.52	48.01
1000	7.47	11.42	11.81	12.55	13.31	14.45	15.42	16.15	18.70	20.57	23.88	34.22	54.12
10000	9.16	14.05	14.72	15.53	16.36	17.76	18.70	19.43	22.35	24.57	28.50	40.56	62.13
PMP	17.55	21.45	27.07	29.21	31.52	34.18	37.82	40.25	47.57	52.72	60.43	88.48	142.87
MEAN	2.491	3.144	3.634	3.977	4.318	4.712	5.289	5.715	6.767	7.476	8.765	12.804	23.491
CLOCK HR. COEF.	1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.663	3.654	3.007	3.034	2.891	2.766	2.265	2.957	2.237	2.333	2.804	2.781	2.547
RECORD YEAR	87	87	87	86	87	87	87	87	87	87	87	87	86
RECORD MAXIMUM	4.750	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
NORMALIZED MAX	2.404	2.405	2.706	2.706	2.716	2.766	2.916	2.883	2.201	2.594	2.441	2.503	2.624
CALC. COEF. VAR	3.77	3.68	3.68	3.45	3.45	3.45	3.45	3.74	3.75	3.67	3.74	3.87	3.12
REGN. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
USED COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
MEAN/Y	1.104	1.311	1.521	1.665	1.807	1.972	2.214	2.391	2.832	3.129	3.669	5.360	1.0000
RP10/Y	1.065	1.267	1.393	1.546	1.694	1.856	2.093	2.303	2.857	3.401	4.001	5.593	1.0000
RP25/Y	1.091	1.293	1.425	1.583	1.740	1.906	2.150	2.361	2.915	3.459	4.059	5.651	1.0000
RP50/Y	1.113	1.314	1.521	1.665	1.807	1.972	2.214	2.391	2.832	3.129	3.669	5.360	1.0000
RP100/Y	1.292	1.543	1.794	1.994	2.194	2.394	2.594	2.794	3.294	3.794	4.294	5.794	1.0000
RP1000/Y	1.313	1.564	1.815	1.994	2.194	2.394	2.594	2.794	3.294	3.794	4.294	5.794	1.0000
RP10000/Y	1.313	1.564	1.815	1.994	2.194	2.394	2.594	2.794	3.294	3.794	4.294	5.794	1.0000
PMP/Y	7.346	9.816	11.332	12.226	13.194	14.308	15.828	16.847	19.912	21.158	25.296	37.034	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	T&P	WNG LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE				
E50 1281 0	CALABRESA RES	408	015	24	055	W1F	N	37+484	121+814	NO			
MAXIMUM PRECIPITATION FOR INDICATED DURATION T-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.23	2.50	2.82	3.13	3.43	3.70	4.34	4.86	5.76	6.31	7.35	11.19	26.48
5	2.72	3.62	4.08	4.49	4.84	5.28	6.11	6.79	8.02	8.76	10.17	15.43	26.72
10	3.25	4.41	4.95	5.42	5.87	6.43	7.26	8.01	9.42	10.29	11.91	18.02	30.32
20	3.75	5.17	5.78	6.30	6.80	7.32	8.32	9.14	10.70	11.67	13.91	20.36	33.47
25	3.91	5.42	6.05	6.57	7.07	7.63	8.65	9.48	11.04	12.10	14.00	21.08	34.42
40	4.23	5.92	6.60	7.15	7.69	8.28	9.41	10.20	11.91	12.98	15.00	22.54	36.34
100	4.38	6.16	6.86	7.42	7.97	8.58	9.64	10.53	12.27	13.39	15.47	23.22	37.22
200	4.84	6.49	7.05	7.65	8.25	8.86	10.01	11.54	13.40	14.61	16.88	25.26	39.65
1000	6.33	9.24	10.23	11.02	11.88	12.45	13.65	14.70	16.92	18.44	21.27	31.55	47.71
10000	7.76	11.64	12.74	13.51	14.24	15.30	16.55	17.69	20.22	22.03	25.38	37.40	54.78
PMP	14.48	20.40	23.44	25.42	27.43	29.44	33.47	36.44	43.04	45.43	53.82	81.59	129.56
MEAN	2.112	2.406	3.146	3.460	3.758	4.061	4.681	5.201	6.123	6.704	7.805	11.807	21.064
CLOCK HR. COEF.	1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.296	1.099	1.018	1.777	1.777	1.571	1.271	1.324	0.111	0.223	0.205	0.150	1.80
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	6.240	4.639	4.729	4.315	3.202	2.937	2.240	2.814	2.484	3.105	2.710	2.260	2.141
RECORD YEAR	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD MAXIMUM	3.900	5.120	5.690	5.820	6.250	6.450	7.300	8.51	9.330	11.20	12.010	17.400	32.020
NORMALIZED MAX	2.474	2.275	2.466	2.309	2.273	2.098	1.790	1.971	1.709	2.291	1.884	1.632	1.779
CALC. COEF. VAR	3.62	3.63	3.25	2.95	2.242	2.20	2.97	3.23	3.06	3.01	2.86	2.94	2.92
REGN. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
USED COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
MEAN/Y	1.102	1.332	1.493	1.643	1.784	1.928	2.222	2.464	2.907	3.183	3.706	5.605	1.0000
RP10/Y	1.154	1.293	1.350	1.412	1.474	1.536	1.605	1.674	1.743	1.812	1.881	1.950	1.4393
RP25/Y	1.154	1.293	1.350	1.412	1.474	1.536	1.605	1.674	1.743	1.812	1.881	1.950	1.4393
RP50/Y	1.208	1.294	1.355	1.416	1.477	1.538	1.607	1.676	1.745	1.814	1.883	1.952	1.4393
RP100/Y	1.230	1.323	1.384	1.445	1.506	1.567	1.628	1.689	1.750	1.811	1.872	1.933	1.4393
RP1000/Y	1.304	1.408	1.469	1.530	1.591	1.652	1.713	1.774	1.835	1.896	1.957	2.018	1.4393
RP10000/Y	1.304	1.408	1.469	1.530	1.591	1.652	1.713	1.774	1.835	1.896	1.957	2.018	1.4393
PMP/Y	7.662	9.924	11.126	12.050	13.024	13.987	15.891	17.395	20.435	22.230	25.553	37.733	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E50 3367 0	STATION NAME GENDER RANCH	ELEV 172	SEC 2140	TMP 36	THP D85	PNG LOT 04E P	RM M	LATITUDE 37.307	LONGITUDE 121.486	COUNTY CODE 43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.14	2.75	3.09	3.35	3.62	3.84	4.30	4.84	5.43	6.00	7.01	10.21	17.29
5	2.96	3.94	4.47	4.91	5.17	5.48	6.06	6.54	7.50	8.34	9.69	14.07	22.55
10	3.53	4.85	5.42	5.91	6.21	6.56	7.20	7.71	8.88	9.79	11.35	16.44	25.59
20	4.07	5.69	6.33	6.75	7.18	7.59	8.25	8.60	10.09	11.11	12.67	18.57	28.26
25	4.24	5.95	6.62	7.05	7.49	7.92	8.58	8.93	10.46	11.52	13.34	19.22	29.06
40	4.61	6.51	7.22	7.66	8.13	8.58	9.24	9.62	11.22	12.35	14.30	20.55	30.82
50	4.78	6.77	7.51	7.95	8.42	8.89	9.54	10.14	11.57	12.74	14.74	21.17	31.43
100	5.26	7.58	8.38	8.84	9.33	9.85	10.52	11.11	12.64	13.91	16.09	23.03	33.64
200	5.76	8.38	9.23	9.71	10.22	10.79	11.45	12.05	13.67	15.04	17.38	24.82	35.74
1000	6.88	10.21	11.19	11.70	12.24	12.92	13.54	14.15	15.96	17.55	20.27	28.77	40.28
10000	8.43	12.74	13.95	14.48	15.05	15.68	16.42	17.03	19.08	20.87	24.12	34.10	46.25
PMP	16.16	26.98	25.66	27.24	29.00	30.56	33.20	35.28	40.60	44.57	51.30	74.39	106.34
MEAN	2.294	3.065	3.444	3.788	3.973	4.213	4.643	5.004	5.775	6.380	7.440	10.766	17.783
CLOCK HR. COR.	1.146	1.770	1.640	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.455	1.455	1.455	1.455	1.455	1.455	1.455	1.455	1.455	1.455	1.455	1.455	1.455
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	5.444	7.230	5.399	5.609	4.454	5.237	4.397	3.725	3.205	3.423	3.734	2.744	2.990
N	61	61	61	61	61	61	61	61	61	60	60	60	61
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1951	1915	1915	1967
RECORD MAXIMUM	5.400	8.310	9.080	9.240	9.170	10.590	11.280	11.550	12.350	13.190	15.130	20.740	32.620
NORMALIZED MAX	3.038	3.325	3.323	3.280	3.447	3.663	3.493	3.254	2.822	2.615	2.626	2.419	2.429
CALC. COEF. VAR	4.40	5.10	4.93	4.55	4.22	4.13	4.10	4.01	4.03	4.08	3.94	3.83	3.44
REGN. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
USED COEF. VAR	4.63	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
MEAN/A	1.290	1.735	1.937	2.085	2.234	2.369	2.611	2.816	3.248	3.588	4.184	6.054	1.0000
RP10/A	1.907	2.726	3.047	3.365	3.621	3.847	4.401	4.855	5.695	6.385	7.440	9.242	1.4345
RP25/A	2.386	3.348	3.724	3.992	4.212	4.452	4.822	5.135	5.883	6.478	7.502	9.046	1.6342
RP50/A	2.677	3.908	4.221	4.472	4.736	5.003	5.374	5.702	6.509	7.164	8.291	1.1966	1.7672
RP100/A	2.960	4.262	4.710	4.971	5.247	5.541	5.915	6.247	7.109	7.822	9.046	1.2951	1.8917
RP1000/A	3.967	5.741	6.295	6.671	6.984	7.264	7.614	7.959	8.845	9.870	1.1398	1.6179	2.2652
RP10000/A	4.743	7.193	7.843	8.143	8.465	8.828	9.232	9.678	10.727	11.740	13.603	1.9177	2.6007
PMP/A	9.099	1.2923	1.4428	1.5318	1.6369	1.7187	1.8669	1.9842	2.2831	2.5063	2.8846	4.1835	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E50 4997 0	STATION NAME LIVERMORE	ELEV 86	SEC 545	TNP 29	PNG LOT 035 02E	RM M	LATITUDE 37.650	LONGITUDE 121.793	COUNTY CODE 60				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3655
2	1.52	1.93	2.16	2.34	2.53	2.72	3.04	3.32	3.89	4.31	5.12	7.48	13.75
5	2.15	2.79	3.12	3.37	3.62	3.88	4.28	4.65	5.41	5.99	7.07	10.31	17.93
10	2.56	3.40	3.79	4.06	4.34	4.65	5.08	5.48	6.36	7.03	8.29	12.04	20.35
20	3.05	3.99	4.43	4.72	5.02	5.37	5.82	6.25	7.22	7.99	9.40	13.60	22.46
25	3.08	4.18	4.63	4.92	5.24	5.60	6.05	6.48	7.44	8.28	9.74	14.08	23.10
40	3.33	4.57	5.05	5.36	5.68	6.08	6.17	6.98	8.03	8.88	10.44	15.06	24.39
50	3.45	4.75	5.25	5.56	5.89	6.30	6.75	7.21	8.28	9.16	10.76	15.51	24.98
100	3.82	5.32	5.85	6.18	6.52	6.97	7.42	7.90	9.05	10.00	11.74	16.87	26.74
200	4.17	5.88	6.45	6.79	7.15	7.64	8.08	8.56	9.78	10.81	12.69	18.18	28.41
1000	4.99	7.16	7.82	8.18	8.56	9.14	9.56	10.06	11.42	12.61	14.80	21.08	32.02
10000	6.11	8.97	9.75	10.12	10.52	11.24	11.59	12.11	13.65	15.07	17.66	24.98	36.77
PMP	11.72	16.12	17.93	19.04	20.27	21.63	23.43	25.08	29.65	32.03	37.45	54.50	88.54
MEAN	1.664	2.164	2.407	2.592	2.777	2.982	3.277	3.560	4.133	4.595	5.431	7.888	14.137
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.632	1.660	1.860	1.733	1.562	1.673	1.424	1.205	1.095	1.171	1.235	1.060	1.454
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	5.400	5.639	6.954	6.918	6.287	7.415	6.008	4.954	4.444	4.598	4.908	4.186	2.441
RECORD YEAR	78	78	78	78	78	78	78	78	78	78	78	78	78
RECORD MAXIMUM	3.970	5.450	6.830	7.530	7.680	8.640	8.750	8.750	9.680	11.220	13.190	18.470	24.190
NORMALIZED MAX	2.891	3.174	3.174	3.074	3.924	4.332	3.865	3.547	3.318	3.514	3.597	3.402	2.331
CALC. COEF. VAR	4.880	4.78	4.87	4.68	4.50	4.38	4.30	4.11	4.05	4.12	3.93	3.94	3.305
REGN. COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
USED COEF. VAR	4.03	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99	3.93	3.94	3.32
MEAN/A	1.177	1.531	1.703	1.834	1.965	2.109	2.318	2.518	2.923	3.244	3.842	5.579	1.0000
RP10/A	1.812	2.406	2.679	2.870	3.069	3.287	3.593	3.878	4.497	4.976	5.864	8.517	1.4393
RP25/A	2.177	2.955	3.274	3.484	3.704	3.963	4.281	4.591	5.296	5.856	6.890	9.961	1.6342
RP50/A	2.441	3.361	3.711	3.932	4.165	4.454	4.775	5.098	5.859	6.477	7.614	1.0772	1.7672
RP100/A	2.609	3.761	4.141	4.371	4.614	4.933	5.252	5.585	6.399	7.071	8.307	1.1395	1.6332
RP1000/A	3.527	5.067	5.534	5.785	6.053	6.467	6.760	7.116	8.080	8.923	1.0467	1.4910	2.2652
RP10000/A	4.325	6.049	6.686	7.159	7.443	7.949	8.194	8.563	9.656	1.0658	1.2492	1.7673	2.6007
PMP/A	8.290	1.1406	1.2685	1.3467	1.4341	1.5301	1.6574	1.7740	2.0552	2.2656	2.6490	3.8554	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG LOT	RWM	LATITUDE	LONGITUDE	COUNTY CODE				
85N ORDER SUB ESO 5933 0	MOUNT HAMILTON	4206		07S	13E	M	37.333	121.650	43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.45	3.19	3.71	4.10	4.52	4.90	5.50	6.10	6.99	7.71	9.25	13.48	25.99
5	3.45	4.43	5.36	5.88	6.46	6.98	7.76	8.53	9.72	10.71	12.79	18.59	33.90
10	4.12	5.64	6.51	7.04	7.75	8.37	9.21	10.06	11.43	12.57	14.99	21.71	38.47
20	4.75	6.61	7.61	8.24	8.97	9.6A	10.55	11.48	12.98	14.27	16.39	24.53	42.48
25	4.95	6.92	7.95	8.60	9.35	10.10	10.97	11.91	13.45	14.80	17.61	25.39	43.68
40	5.36	7.57	8.68	9.36	10.14	10.95	11.18	12.81	14.43	15.87	18.88	27.15	46.12
50	5.55	7.87	9.02	9.71	10.51	11.35	12.24	13.23	14.89	16.36	19.46	27.97	47.24
100	6.14	8.81	10.06	10.79	11.64	12.57	13.44	14.49	16.26	17.87	21.23	30.42	50.57
200	6.71	9.74	11.09	11.88	12.76	13.76	14.65	15.72	17.58	19.32	22.95	32.79	53.72
1000	8.02	11.87	13.45	14.28	15.28	16.47	17.32	18.47	20.53	22.61	26.76	38.01	60.55
10000	9.83	14.87	16.75	17.68	18.78	20.25	21.00	22.22	24.53	26.93	31.93	45.05	69.52
PMP	18.84	26.72	30.82	33.25	36.19	38.98	42.47	46.03	52.22	57.24	67.71	98.28	159.85
MEAN	2.675	3.586	4.136	4.527	4.958	5.372	5.940	6.534	7.428	8.155	9.820	14.223	26.731
CLOCK HR. COR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.526	2.428	2.367	2.325	2.292	2.275	2.250	2.222	2.188	2.171	2.127	2.083	2.044
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KUNTO21S	11.511	10.998	14.651	15.667	15.764	21.366	26.632	29.255	25.515	20.678	14.728	5.250	4.081
N	87	87	87	87	85	87	88	88	88	89	89	89	92
RECORD YEAR	1985	1985	1985	1985	1985	1985	1984	1984	1985	1985	1985	1985	1985
RECORD MAXIMUM	9.050	12.190	16.870	19.220	21.060	24.740	30.090	33.32	33.850	34.370	35.740	36.660	58.090
NORMALIZED MAX	4.196	4.341	5.364	5.620	5.658	6.259	6.766	6.946	6.705	6.336	5.744	3.829	3.697
CALC. COEF. VAR	.568	.553	.574	.577	.574	.606	.601	.590	.531	.504	.459	.401	.317
REGION. COEF. VAR	.403	.430	.430	.420	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.001	1.1342	1.1547	1.1694	1.1855	1.2010	1.2222	1.2444	1.2779	1.3066	1.3674	1.5321	1.0000
RP10/A	1.541	2.108	2.435	2.651	2.898	3.132	3.444	3.765	4.274	4.704	5.567	8.122	1.4393
RP25/A	1.941	2.569	2.975	3.218	3.497	3.777	4.104	4.456	5.033	5.535	6.588	9.999	1.6342
RP50/A	2.076	2.945	3.373	3.632	3.932	4.245	4.577	4.948	5.569	6.122	7.280	1.0463	1.7672
RP100/A	2.205	3.296	3.763	4.037	4.354	4.701	5.034	5.422	6.082	6.683	7.943	1.1381	1.8917
RP1000/A	2.999	4.440	5.030	5.344	5.715	6.163	6.680	6.908	7.680	8.473	1.0009	1.4219	2.2652
RP10000/A	3.767	5.563	6.267	6.613	7.027	7.574	7.857	8.312	9.178	10.074	1.1945	1.6853	2.6007
PMP/A	7.049	9.994	11.528	12.440	1.3539	1.4581	1.5889	1.7220	1.9534	2.1415	2.5330	3.6766	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB ESO 7526 0	STATION NAME ROCKY RIDGE	ELEV 111	SEC 1250	TWP 09	RNG LOT 04S	RWM N2E H	LATITUDE 37.661	LONGITUDE 121.750	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.65	2.08	2.38	2.59	2.79	2.96	3.25	3.63	4.39	4.77	5.72	8.40	15.36
5	2.33	3.01	3.44	3.72	3.98	4.21	4.58	5.07	6.11	6.62	7.91	11.59	20.03
10	2.78	3.68	4.17	4.48	4.78	5.08	5.43	5.98	7.18	7.78	9.27	13.53	22.73
20	3.21	4.30	4.88	5.21	5.53	5.85	6.23	6.82	8.16	8.83	10.51	15.29	25.10
25	3.34	4.51	5.10	5.44	5.77	6.09	6.47	7.08	8.46	9.15	10.89	15.83	25.81
40	3.62	4.92	5.57	5.91	6.25	6.61	6.90	7.62	9.07	9.81	11.67	16.93	27.25
50	3.75	5.12	5.78	6.14	6.48	6.85	7.22	7.86	9.36	10.12	12.03	17.43	27.91
100	4.15	5.73	6.45	6.82	7.18	7.58	7.94	8.62	10.22	11.05	13.13	18.96	29.88
200	4.53	6.33	7.11	7.50	7.87	8.31	8.64	9.35	11.06	11.95	14.19	20.44	31.74
1000	5.42	7.72	8.63	9.03	9.42	9.94	10.22	10.99	12.91	13.94	16.55	23.69	35.78
10000	6.64	9.67	10.75	11.17	11.59	12.22	12.40	13.21	15.43	16.66	19.75	28.08	41.08
PMP	12.73	17.37	19.77	21.02	22.13	23.52	25.07	27.37	32.83	35.41	41.87	61.26	94.45
MEAN	1.407	2.332	2.654	2.862	3.058	3.243	3.506	3.885	4.670	5.069	6.073	8.865	15.795
CLOCK HR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.087	1.453	1.261	.992	.852	.728	.611	.409	.446	.794	.962	.728	.691
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KUNTO21S	7.903	5.253	4.446	3.865	3.614	3.200	2.862	3.466	2.916	3.360	4.157	3.162	3.152
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1919	1919	1938	1938	1952	1952	1952	1952	1952	1952	1952	1916	1944
RECORD MAXIMUM	4.000	5.000	5.650	5.650	6.070	6.070	7.280	8.320	9.180	11.510	16.720	27.430	
NORMALIZED MAX	2.726	2.823	2.659	2.529	2.655	2.570	2.213	2.834	2.330	2.370	2.557	2.557	2.383
CALC. COEF. VAR	.445	.405	.425	.471	.467	.437	.308	.334	.342	.331	.346	.309	
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.144	1.177	1.160	1.112	1.136	1.053	1.2220	1.2459	1.2957	1.3209	1.3845	1.5613	1.0000
RP10/A	1.762	2.320	2.643	2.836	3.025	3.199	3.440	3.788	4.548	4.924	5.868	8.568	1.4393
RP25/A	2.116	2.850	3.230	3.442	3.651	3.844	4.108	4.456	5.356	5.754	6.895	1.0342	1.6342
RP50/A	2.374	3.241	3.682	3.885	4.103	4.312	4.572	4.979	5.926	6.408	7.619	1.038	1.7672
RP100/A	2.625	3.628	4.086	4.319	4.548	4.802	5.029	5.455	6.672	6.996	8.313	1.2006	1.8917
RP1000/A	3.429	4.887	5.601	5.717	5.866	6.295	6.673	6.951	8.172	8.829	1.0475	1.4499	2.2652
RP10000/A	4.206	6.123	6.804	7.074	7.338	7.737	7.968	8.476	9.766	1.0546	1.2501	1.7779	2.6007
PMP/A	8.801	1.1600	1.2517	1.3308	1.4135	1.4894	1.5870	1.7327	2.0786	2.2418	2.6510	3.8785	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E50 R130 0	STATION NAME SHANTI ASHRAMA	ELEV 110	SFC 2300	TWP 19	RNG LOT 075	HMM +5E K	M H	LATITUDE 37.310	LONGITUDE 121.470	COUNTY CODE 43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION L-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.23	2.98	3.48	3.90	4.11	4.35	4.82	5.20	6.22	6.79	7.87	11.30	19.36
5	3.14	4.32	5.03	5.45	5.87	6.20	6.80	7.27	8.66	9.43	10.89	15.58	25.26
10	3.75	5.26	6.10	6.83	7.05	7.43	8.07	8.57	10.17	11.07	12.76	18.20	28.66
20	4.33	6.17	7.13	7.65	8.06	8.46	9.25	9.78	11.55	12.56	14.47	20.56	31.64
25	4.51	6.46	7.46	7.99	8.51	8.96	9.61	10.15	11.94	13.02	14.99	21.28	32.54
40	4.88	7.06	8.13	8.67	9.23	9.72	9.79	10.91	12.85	13.97	16.07	22.76	34.36
50	5.13	7.35	8.45	8.98	9.55	10.07	10.72	11.72	13.75	14.41	16.57	23.44	36.00
100	5.59	8.22	9.43	10.02	10.60	11.15	11.79	12.35	14.47	15.73	18.09	25.50	37.67
200	6.12	9.09	10.40	11.01	11.61	12.22	12.83	13.39	15.65	17.00	19.53	27.48	40.02
1000	7.31	11.08	12.60	13.27	13.90	14.62	15.14	15.73	19.27	19.45	22.76	31.85	45.11
10000	8.96	13.89	15.60	16.42	17.09	17.93	18.40	18.93	21.84	23.71	27.19	37.76	51.79
PMF	17.17	24.43	28.69	31.49	32.94	34.40	37.21	39.21	46.48	50.49	57.64	82.37	119.08
MEAN	2.438	3.347	3.877	4.295	4.512	4.749	5.205	5.560	6.612	7.214	8.354	11.920	19.913
CLOCK HR. COR.	1.148	1.670	1.940	2.120	2.101	2.101	1.800	1.800	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.334	1.855	1.940	2.034	2.073	2.073	1.392	1.392	0.399	0.399	0.399	0.800	1.791
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500
KURTOSIS	4.560	6.077	6.419	6.706	6.903	7.050	7.398	7.539	8.118	8.483	9.045	10.693	14.722
N	38	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1941
RECORD MAXIMUM	4.800	7.600	8.550	8.900	9.200	9.400	9.600	10.100	12.900	13.800	15.500	21.900	40.240
NORMALIZED MAX	2.251	2.752	2.948	3.154	3.240	3.283	3.283	2.650	2.470	2.337	2.149	1.945	1.025
CALC. COEF. VAR	0.430	0.462	0.455	0.435	0.427	0.427	0.394	0.386	0.371	0.368	0.337	0.337	0.337
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	1.224	1.681	1.947	2.112	2.266	2.395	2.614	2.795	3.320	3.623	4.198	5.986	1.0000
MP10/A	1.188	1.641	1.903	2.068	2.200	2.312	2.451	2.605	3.037	3.358	3.907	5.138	1.4393
MP25/A	1.226	1.644	1.912	2.077	2.209	2.321	2.460	2.614	3.046	3.367	3.916	5.147	1.4342
MP50/A	1.251	1.649	1.917	2.082	2.214	2.326	2.465	2.619	3.051	3.372	3.921	5.151	1.4342
MP100/A	1.268	1.654	1.922	2.087	2.219	2.331	2.470	2.624	3.056	3.377	3.926	5.156	1.4342
MP1000/A	1.268	1.654	1.922	2.087	2.219	2.331	2.470	2.624	3.056	3.377	3.926	5.156	1.4342
MP10000/A	1.268	1.654	1.922	2.087	2.219	2.331	2.470	2.624	3.056	3.377	3.926	5.156	1.4342
PMF/A	1.268	1.654	1.922	2.087	2.219	2.331	2.470	2.624	3.056	3.377	3.926	5.156	1.4342

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E50 R785 0	STATION NAME TASSAJARA CREEK	ELEV 102	SFC 750	TWP 03	RNG LOT 025	HMM 01F H	M H	LATITUDE 37.788	LONGITUDE 121.848	COUNTY CODE 07			
MAXIMUM PRECIPITATION FOR INDICATED DURATION L-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.74	2.42	2.67	2.98	3.08	3.21	3.56	3.86	4.69	5.06	5.86	8.71	15.69
5	2.53	3.50	3.86	4.41	4.48	4.58	5.02	5.44	6.52	7.03	8.13	12.00	20.46
10	3.02	4.26	4.67	5.09	5.28	5.49	5.96	6.40	7.66	8.26	9.52	14.02	23.22
20	3.48	5.00	5.47	5.80	6.11	6.35	6.83	7.30	8.70	9.37	10.80	15.84	25.63
25	3.61	5.24	5.72	6.05	6.37	6.62	7.10	7.58	9.03	9.71	11.19	16.39	26.36
40	3.93	5.73	6.24	6.58	6.91	7.18	7.64	8.15	9.68	10.42	11.99	17.53	27.83
50	4.07	5.96	6.48	6.83	7.16	7.44	7.92	8.42	9.99	10.74	12.37	18.06	28.51
100	4.50	6.67	7.24	7.59	7.94	8.24	8.71	9.22	10.81	11.73	13.49	19.64	30.51
200	4.92	7.37	7.94	8.34	8.70	9.02	9.49	10.00	11.74	12.68	14.58	21.17	32.42
1000	5.88	8.98	9.67	10.05	10.41	10.80	11.27	11.75	13.77	14.80	17.00	24.54	36.54
10000	7.21	11.25	12.05	12.44	12.81	13.27	13.60	14.14	16.46	17.68	21.29	29.09	41.95
PMF	13.81	21.22	22.16	23.40	24.67	25.55	27.50	29.24	35.03	37.58	43.02	63.45	94.46
MEAN	1.961	2.714	2.975	3.186	3.380	3.522	3.847	4.157	4.982	5.391	6.240	9.183	16.131
CLOCK HR. COR.	1.140	1.670	1.940	2.120	2.101	2.101	1.800	1.800	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.927	1.326	1.364	1.263	1.115	1.082	1.106	1.029	0.847	0.784	0.917	0.585	0.010
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500
KURTOSIS	3.074	4.468	3.564	4.574	4.075	4.044	4.903	4.203	3.448	3.389	3.701	2.866	2.639
N	38	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1919	1956	1956	1956	1956	1956	1956	1956	1956	1956	1916	1916	1952
RECORD MAXIMUM	3.280	6.000	6.000	7.860	7.860	7.860	9.100	9.100	10.100	10.250	12.810	16.880	27.720
NORMALIZED MAX	1.749	2.681	2.681	2.681	2.681	2.681	2.681	2.681	2.681	2.681	2.681	2.681	2.681
CALC. COEF. VAR	0.380	0.455	0.423	0.476	0.457	0.426	0.423	0.425	0.395	0.392	0.387	0.370	0.317
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	1.216	1.682	1.844	1.975	2.095	2.184	2.385	2.577	3.089	3.336	3.868	5.693	1.0000
MP10/A	1.172	1.644	1.902	2.067	2.200	2.312	2.451	2.605	3.037	3.358	3.907	5.138	1.4393
MP25/A	1.226	1.644	1.912	2.077	2.209	2.321	2.460	2.614	3.046	3.367	3.916	5.147	1.4342
MP50/A	1.251	1.649	1.917	2.082	2.214	2.326	2.465	2.619	3.051	3.372	3.921	5.151	1.4342
MP100/A	1.268	1.653	1.920	2.235	2.421	2.517	2.502	2.518	3.691	3.661	3.666	5.175	1.4342
MP1000/A	1.268	1.653	1.920	2.235	2.421	2.517	2.502	2.518	3.691	3.661	3.666	5.175	1.4342
MP10000/A	1.268	1.653	1.920	2.235	2.421	2.517	2.502	2.518	3.691	3.661	3.666	5.175	1.4342
PMF/A	1.268	1.653	1.920	2.235	2.421	2.517	2.502	2.518	3.691	3.661	3.666	5.175	1.4342

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E50 RTHS 30	STATION NAME TASSAJARA WOOD RANCH	ELEV 570	SEC N	TWP 37.803	RNG LOT 121.941	MM 07	LATITUDE	LONGITUDE	COUNTY CODE
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	50	100	300	F Y P		
2	2.14	2.72	3.09	4.14	7.41	18.14			
5	3.02	4.74	4.98	7.25	10.38	24.14			
10	3.65	4.79	5.43	8.69	12.33	28.17			
20	4.16	5.63	6.35	10.06	14.19	31.96			
25	4.33	5.67	6.64	10.49	14.77	33.15			
40	4.69	6.44	7.24	11.39	15.97	35.81			
50	4.80	6.70	7.62	11.41	16.54	36.77			
100	4.37	7.50	4.39	13.10	10.27	40.29			
200	4.47	8.29	4.25	14.36	14.48	41.75			
1000	7.92	1.10	11.22	17.25	25.80	51.58			
10000	8.40	12.65	13.98	21.28	29.15	62.49			
RMP	16.49	22.73	25.71	34.80	50.69	116.02			
MEAN	2.341	3.051	3.491	5.644	8.076	19.501			
CLOCK HR. COR.	1.149	1.170	1.149	1.010	1.010	1.000			
CALCULATED SKEW	1.447	1.161	1.313	.028	.038	.054			
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.300	1.300			
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300			
KURTOSIS	5.004	4.293	5.473	1.877	1.051	2.645			
N	21	21	21	21	21	21			
RECORD YEAR	1963	1963	1963	1959	1959	1959			
RECORD MAXIMUM	4.240	6.159	7.439	7.730	12.440	33.830			
NORMALIZED MAX	1.094	2.329	2.699	1.251	1.502	2.997			
CALC. COEF. VAR	.404	.437	.427	.359	.363	.380			
REGION. COEF. VAR	.403	.430	.430	.403	.393	.332			
USED COEF. VAR	.403	.430	.430	.403	.393	.332			
MEAN/A	1.200	1.665	1.770	2.847	4.141	1.000			
MP10/A	1.948	2.659	2.784	4.457	7.321	1.444			
MP25/A	2.225	3.020	3.321	5.573	1.499				
MP50/A	2.640	3.635	3.857	6.636	6.441	1.8853			
MP100/A	2.754	3.844	4.304	6.716	9.168	2.0061			
MP1000/A	3.558	5.178	5.752	8.445	1.2207	2.6452			
MP10000/A	4.412	6.488	7.107	11.013	1.4448	3.2044			
RMP/A	4.450	1.1458	1.3183	2.4409	2.8555	5.9800			

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 121 0	STATION NAME ALFA COLLIERE	ELEV 283	SEC 400	TWP 37.100	RNG LOT 121.995	MM 43	LATITUDE	LONGITUDE	COUNTY CODE
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	100	150	200
2	4.16	5.30	6.16	6.41	7.41	7.91	9.75	9.46	10.89
5	5.47	7.67	8.91	9.77	10.56	11.28	12.34	13.23	15.16
10	7.08	9.34	10.81	11.78	12.69	13.52	14.65	15.61	17.82
20	8.48	11.96	12.63	13.67	14.69	15.64	16.79	17.80	20.24
25	8.61	11.47	13.21	14.30	15.32	16.30	17.45	18.47	20.94
40	9.11	12.55	14.41	15.55	16.62	17.68	17.78	19.87	22.51
50	9.44	13.05	14.47	16.14	17.22	18.32	19.46	20.51	23.21
100	10.43	14.61	16.71	17.94	19.08	20.29	21.41	22.44	25.35
200	11.41	16.15	18.42	19.71	20.90	22.22	23.30	24.38	27.42
1000	17.63	19.68	22.33	23.74	25.03	26.46	27.56	28.64	32.01
10000	16.72	24.65	27.82	29.38	30.78	32.70	33.41	34.45	38.29
RMP	32.54	44.29	51.17	55.27	54.31	62.94	67.57	71.39	81.42
MEAN	4.548	5.545	6.869	7.825	8.124	8.676	9.450	10.133	11.582
CLOCK HR. COR.	1.146	1.170	1.049	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	1.482	1.257	1.449	1.053	1.471	1.298	1.117	1.117	.880
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900
KURTOSIS	3.848	5.196	5.050	3.493	4.224	4.375	6.055	7.341	5.194
N	55	55	55	55	55	55	55	55	55
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1956
RECORD MAXIMUM	8.100	14.10	16.390	14.710	21.400	24.980	27.820	28.229	30.040
NORMALIZED MAX	1.397	2.965	3.142	2.732	3.600	3.918	4.073	4.141	3.613
CALC. COEF. VAR	.397	.454	.441	.437	.471	.480	.477	.433	.441
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402
MEAN/A	1.302	1.702	1.967	2.154	2.326	2.494	2.709	2.901	3.316
MP10/A	2.005	2.675	3.094	3.372	3.634	3.871	4.193	4.468	5.100
MP25/A	2.408	3.285	3.781	4.093	4.385	4.667	4.997	5.289	6.000
MP50/A	2.701	3.736	4.286	4.620	4.931	5.246	5.573	5.873	6.646
MP100/A	2.987	4.162	4.783	5.135	5.463	5.810	6.129	6.446	7.258
MP1000/A	3.902	5.533	6.392	6.797	7.167	7.614	7.869	8.198	9.165
MP10000/A	4.786	7.758	7.964	8.412	8.812	9.361	9.566	10.195	1.0522
RMP/A	9.173	12.680	14.651	15.824	16.979	18.020	19.344	21.437	23.310

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSD ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY	CUDE
E60 125 0	ALMAHED RESERVOIR SCFC	640	11	095	01E	E	H	37.167	121.833	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION U=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	4.02	5.27	5.96	6.42	7.02	7.49	8.16	8.72	9.85	10.77	12.58
5	5.67	7.64	8.67	9.21	10.03	10.67	11.51	12.18	13.71	14.96	18.01
10	6.77	9.36	10.45	11.11	12.03	12.79	13.66	14.37	16.11	17.56	20.36
20	7.81	11.41	12.22	12.91	13.93	14.86	15.68	16.39	18.24	19.93	23.08
25	8.13	11.82	12.78	13.48	14.52	15.40	16.24	17.01	18.97	20.67	23.92
40	8.41	12.49	13.94	14.86	15.75	16.73	17.58	18.31	20.35	22.16	25.64
50	9.12	12.49	14.48	15.21	16.33	17.34	18.13	18.89	20.99	22.86	26.44
100	11.01	14.54	15.16	16.11	16.81	17.42	18.07	18.77	22.92	24.94	29.64
200	11.03	16.07	17.82	18.84	19.82	21.13	22.15	22.78	26.98	31.17	33.80
400	11.14	16.58	21.60	22.34	23.73	25.17	25.70	26.37	28.94	31.49	36.35
1000	16.16	24.54	26.91	27.70	29.18	30.94	31.16	31.74	34.59	37.81	43.69
PMF	39.94	44.07	49.50	51.11	56.23	59.56	63.02	65.75	73.51	79.95	91.98
MEAN	4.397	5.918	6.645	7.095	7.703	8.219	8.814	9.332	10.471	11.447	13.340
CLOCK HR. CORR.	1.144	1.70	1.080	1.201	1.10	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.411	1.403	1.405	1.193	1.134	1.135	1.132	1.170	1.047	.960	.908
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
KURTOSIS	4.422	5.942	5.110	4.362	4.386	5.676	5.539	6.105	4.702	4.178	3.621
N	31	34	36	39	34	34	36	36	38	36	38
RECORD YEAR	1914	1963	1963	1964	1964	1964	1964	1965	1966	1966	1968
RECORD MAXIMUM	8.541	14.510	16.580	17.110	17.941	21.200	22.000	24.31	25.040	26.100	28.540
NORMALIZED MAX	2.212	2.860	2.984	2.434	2.778	3.313	3.434	3.354	2.774	2.836	2.707
CALC. COEF. VAR	.421	.408	.506	.401	.470	.478	.465	.447	.467	.451	.421
REGION. COEF. VAR	.413	.430	.430	.423	.421	.417	.410	.403	.402	.399	.394
USED COEF. VAR	.413	.430	.430	.423	.421	.417	.410	.403	.402	.399	.394
MEAN/A	1.140	1.065	1.227	1.256	1.250	1.274	1.297	1.309	1.347	1.381	1.443
RP10/A	1.214	1.368	1.372	1.369	1.347	1.249	1.236	1.274	1.534	1.582	1.672
RP25/A	1.271	1.374	1.243	1.457	1.483	1.513	1.544	1.551	1.699	1.684	1.745
RP50/A	1.324	1.431	1.410	1.523	1.558	1.629	1.624	1.676	1.791	1.870	1.840
RP100/A	1.336	1.428	1.537	1.517	1.608	1.637	1.631	1.675	1.827	1.950	1.949
RP1000/A	1.374	1.650	1.713	1.745	1.792	1.830	1.831	1.879	1.912	1.947	1.884
RP10000/A	1.567	1.815	1.937	1.920	1.992	1.975	1.944	1.954	1.947	1.941	1.989
PMF/A	1.027	1.464	1.640	1.737	1.875	1.979	2.129	2.185	2.447	2.653	3.050

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSD ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY	CUDE
E60 167 0	ALVISO	8	04	065	01W	S		37.433	121.947	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION U=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.64	1.83	1.85	1.95	2.04	2.21	2.80	3.07	3.46	3.92	4.67
5	2.31	2.66	2.68	2.80	2.92	3.16	3.94	4.24	4.82	5.44	6.46
10	2.78	3.23	3.25	3.38	3.51	3.78	4.68	5.06	5.68	6.39	7.57
20	3.14	3.60	3.66	3.83	4.05	4.36	5.36	5.77	6.43	7.25	8.58
25	3.31	3.97	3.97	4.10	4.22	4.56	5.57	5.94	6.67	7.52	8.89
40	3.58	4.34	4.33	4.46	4.58	4.95	5.88	6.44	7.15	8.06	9.53
50	3.71	4.52	4.50	4.64	4.72	5.13	6.22	6.65	7.38	8.32	9.93
100	4.10	5.06	5.02	5.14	5.26	5.68	6.84	7.28	8.06	9.08	10.72
200	4.49	5.54	5.53	5.65	5.76	6.22	7.44	7.91	8.71	9.82	11.54
400	5.26	6.81	6.71	6.81	6.90	7.44	8.80	9.20	10.17	11.46	13.51
1000	6.58	8.54	8.36	8.43	8.44	9.15	10.67	11.17	12.16	13.68	16.12
PMF	12.61	15.34	15.38	15.85	16.35	17.61	21.58	23.13	25.87	29.09	34.11
MEAN	1.789	2.158	2.084	2.158	2.240	2.428	3.018	3.283	3.686	4.164	4.959
CLOCK HR. CORR.	1.140	1.173	1.094	1.023	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.778	.406	.173	-1.040	-0.126	.191	.592	.806	.743	.889	.845
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
KURTOSIS	7.008	3.159	3.421	3.177	3.203	3.230	2.358	2.765	3.218	3.576	2.799
N	20	21	22	23	23	23	23	23	23	23	23
RECORD YEAR	1952	1952	1952	1973	1971	1952	1952	1956	1952	1952	1956
RECORD MAXIMUM	3.540	3.540	4.000	4.070	4.130	4.890	4.890	5.560	6.590	7.740	8.600
NORMALIZED MAX	2.426	2.614	1.880	1.669	1.637	1.814	1.842	2.04	2.435	2.514	1.953
CALC. COEF. VAR	.413	.439	.449	.528	.513	.503	.435	.325	.366	.346	.387
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394
MEAN/A	1.140	1.165	1.161	1.173	1.1803	1.1954	1.2431	1.2643	1.2963	1.3352	1.3992
RP10/A	1.218	1.2804	1.2614	1.2719	1.2817	1.3045	1.3766	1.4071	1.4557	1.5143	1.6092
RP25/A	1.264	1.3198	1.3195	1.3301	1.3399	1.3652	1.4489	1.4819	1.5367	1.6052	1.7150
RP50/A	1.280	1.3368	1.3362	1.3462	1.3562	1.3822	1.4659	1.4989	1.5536	1.6221	1.7319
RP100/A	1.304	1.3671	1.3671	1.3781	1.3881	1.4141	1.4978	1.5308	1.5855	1.6540	1.7638
RP1000/A	1.437	1.5484	1.5401	1.5481	1.5555	1.5942	1.7085	1.747	1.8189	1.9222	2.0870
RP10000/A	1.525	1.6872	1.6724	1.6763	1.6831	1.7365	1.8501	1.8889	1.9786	2.1015	2.2979
PMF/A	1.0147	1.2345	1.2378	1.2780	1.3161	1.4174	1.7373	1.8622	2.0828	2.3410	2.7524

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. WSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY	CODE
E60 740 0	HIG HASIN WAY SUMM	577	11	0MS	02W	H	M	37.25N	122.06W	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	3.99	5.34	6.20	6.42	6.14	6.96	9.96	10.80	11.82	12.98	15.22
5	5.63	7.81	8.97	11.23	11.69	12.77	14.03	15.11	16.46	18.02	21.05
10	6.72	9.51	10.84	13.14	14.03	15.31	16.66	17.81	19.34	21.16	24.67
20	7.75	11.10	12.71	14.90	16.24	17.70	19.09	20.51	21.90	24.02	27.97
25	8.17	11.68	13.29	15.53	16.93	18.44	19.85	21.05	22.77	24.90	28.98
40	8.74	12.74	14.50	16.72	18.37	20.01	20.22	22.67	24.43	26.70	31.06
50	9.05	13.29	15.07	17.24	19.04	20.74	22.14	23.41	25.19	27.54	32.03
100	10.01	14.47	16.82	18.44	21.01	22.97	24.38	26.05	27.51	30.07	36.95
200	10.95	16.44	18.84	21.67	23.11	25.16	26.80	27.95	29.76	32.51	37.70
1000	13.04	20.03	22.44	24.50	27.67	30.12	31.34	32.68	34.74	37.94	44.03
10000	16.74	25.10	28.00	29.05	34.03	37.02	38.00	39.33	41.52	45.55	51.06
PMF	39.74	65.10	51.51	54.43	65.56	71.26	74.45	81.47	88.37	96.34	111.44
MEAN	4.364	6.154	6.915	7.103	6.441	9.822	10.744	11.565	12.570	13.792	16.162
CLOCK HR. COR.	1.140	1.710	1.940	1.940	1.940	1.940	1.940	1.940	1.940	1.940	1.940
CALCULATED SKEW	1.359	1.640	1.564	1.678	1.678	2.465	2.065	2.105	1.744	1.180	1.000
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.500

KURTOSIS	4.704	6.222	5.075	6.744	7.338	10.928	6.768	9.172	7.290	6.265	5.448
RECORD YEAR	59	59	59	62	21	21	21	21	21	21	21
RECORD MAXIMUM	91.00	15.400	17.100	24.900	23.100	28.750	28.870	31.350	33.600	36.310	43.270
NORMALIZED MAX	2.904	3.316	3.194	3.023	3.084	1.917	3.359	3.401	3.184	3.055	2.909
CALC. COEF. VAR	.410	.466	.460	.559	.512	.549	.502	.502	.505	.470	.428
REGN. COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399	.393
USED COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399	.393
MEAN/A	.1359	.1885	.2153	.2434	.2740	.3058	.3346	.3601	.3914	.4298	.5032
RP10/A	.2092	.2762	.3387	.4234	.4765	.5186	.5545	.6020	.6544	.7674	.1.0664
RP25/A	.2513	.3334	.4139	.5030	.5272	.5744	.6180	.6504	.7084	.7752	.9023
RP50/A	.2819	.4137	.4692	.5300	.5727	.6454	.6892	.7289	.7844	.8574	.9976
RP100/A	.3117	.4633	.5236	.5512	.6067	.7159	.7581	.7986	.8561	1.0000	1.4944
RP1000/A	.4094	.7416	.8718	.9295	1.0593	1.1524	1.1832	1.2244	1.2927	1.4110	1.6361
PMF/A	.4571	1.4441	1.6038	1.6447	2.0411	2.2184	2.3426	2.5306	2.7513	2.9994	3.4694

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. WSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY	CODE
E60 1377 1	CAMPBELL WATER CO	192	35	01S	01W	C	M	37.23N	121.94W	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.95	2.42	2.71	2.98	3.18	3.39	3.84	4.15	4.75	5.28	6.25
5	2.74	3.51	3.91	4.27	4.55	4.83	5.44	5.80	6.62	7.33	8.65
10	3.27	4.28	4.75	5.15	5.44	5.69	6.44	6.84	7.71	8.60	10.13
20	3.77	5.02	5.55	5.99	6.31	6.70	7.41	7.80	8.83	9.77	11.49
25	3.93	5.25	5.80	6.25	6.58	6.99	7.70	8.10	9.15	10.13	11.91
40	4.26	5.74	6.33	6.80	7.14	7.58	8.35	8.71	9.82	10.86	12.76
50	4.41	5.97	6.57	7.00	7.40	7.85	8.59	8.96	10.13	11.20	13.16
100	4.88	6.44	7.14	7.58	8.00	8.45	9.45	9.81	11.06	12.13	14.36
200	5.33	7.39	8.09	8.62	9.06	9.53	10.28	10.68	11.96	13.22	15.52
1000	6.37	9.01	9.80	10.38	10.76	11.40	12.16	12.55	13.47	15.43	18.09
10000	7.41	11.29	12.22	12.85	13.23	14.01	14.75	15.11	16.69	18.43	21.59
PMF	14.94	21.27	22.22	22.85	23.44	24.01	24.62	25.16	26.52	28.18	32.88
MEAN	2.126	2.721	3.014	3.291	3.493	3.719	4.170	4.441	5.053	5.668	6.660
CLOCK HR. COR.	1.140	1.710	1.940	1.940	1.940	1.940	1.940	1.940	1.940	1.940	1.940
CALCULATED SKEW	1.659	1.156	1.217	1.038	1.163	1.111	1.309	1.141	.759	.799	.894
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.500
KURTOSIS	6.021	3.971	4.110	3.650	4.000	4.001	6.306	5.045	3.568	3.714	3.442
RECORD YEAR	1968	1968	1956	1956	1956	1956	1956	1956	1956	1956	1941
RECORD MAXIMUM	4.420	5.520	6.540	7.020	8.260	8.790	10.450	10.450	10.860	11.570	13.500
NORMALIZED MAX	2.536	2.392	2.663	2.755	3.216	3.346	3.405	2.930	2.869	2.603	2.166
CALC. COEF. VAR	.289	.439	.439	.431	.425	.408	.397	.392	.370	.369	.361
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.394
MEAN/A	.1350	.1728	.1915	.2090	.2217	.2361	.2648	.2820	.3204	.3561	.4217
RP10/A	.2078	.2710	.3013	.3271	.3463	.3680	.4104	.4343	.4936	.5464	.6435
RP25/A	.2497	.3335	.3683	.3970	.4180	.4437	.4891	.5141	.5812	.6404	.7681
RP50/A	.2817	.3753	.4101	.4381	.4597	.4854	.5308	.5561	.6111	.6654	.7931
RP100/A	.3096	.4246	.4658	.4991	.5206	.5523	.5949	.6254	.7023	.7754	.9117
RP1000/A	.4045	.5719	.6226	.6593	.6830	.7241	.7722	.7969	.8869	.9797	1.1488
RP10000/A	.4462	.7166	.7757	.8159	.8394	.8849	.9363	.9585	1.0599	1.1702	1.3708
PMF/A	.5909	1.2674	1.4269	1.5348	1.6182	1.7131	1.8534	1.9805	2.2557	2.4476	2.9073

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS 15 SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	FLV	SFC	TMP	WNG	LAT	WMM	LATITUDE	LONGITUDE	COUNTY
E60 2098 U	COA AVE SJAM	400	31	075	10W	G	M	37.2N	122.019	43
PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE										
RETURN PERIOD IN YEARS										
	10	20	30	40	50	60	80	100	150	200
2	2.71	3.45	4.08	4.24	4.44	4.80	5.39	5.77	6.44	7.16
5	3.82	5.01	5.61	5.85	6.34	6.84	7.60	8.06	8.96	9.95
10	4.56	6.10	6.80	7.01	7.60	8.19	9.03	9.51	10.53	11.68
20	5.25	7.15	7.95	7.52	8.00	8.48	9.35	9.85	11.00	12.26
25	5.47	7.43	8.31	7.81	8.17	8.68	9.57	10.06	11.26	12.43
40	5.93	8.19	9.07	8.41	8.75	9.27	10.17	10.66	11.87	13.04
50	6.14	8.51	9.42	8.69	9.03	9.55	10.45	10.94	12.15	13.32
100	6.70	9.53	10.51	9.59	10.11	10.63	11.53	12.02	13.23	14.40
200	7.42	11.53	11.99	10.40	10.52	11.04	12.40	12.88	14.09	15.26
1000	8.47	12.84	14.05	12.32	12.49	13.01	14.36	14.84	16.05	17.22
10000	10.88	16.04	17.51	15.01	15.44	15.92	17.25	17.73	18.94	20.11
PMF	20.45	24.94	32.20	27.38	27.52	28.15	31.04	31.51	32.71	33.88
MEAN										
CLOCK HR. COR.	2.959	3.879	4.323	4.578	4.866	5.249	5.824	6.170	6.844	7.614
CALCULATED SKEW	.765	.944	.987	.738	.933	1.041	1.159	1.066	.999	.546
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800
KURTOSIS										
RECORD YEAR	2.632	2.919	2.583	3.047	3.593	4.698	5.403	5.549	3.834	3.449
RECORD MAXIMUM	4.700	6.026	7.250	8.494	10.214	11.960	13.940	13.85	14.341	14.740
NORMALIZED MAX	1.471	1.593	1.651	1.582	2.294	2.652	2.846	2.662	2.493	2.361
CALC. COEF. VAR	.400	.476	.438	.453	.478	.440	.472	.467	.442	.399
REGION. COEF. VAR	.403	.430	.430	.432	.420	.417	.410	.402	.399	.393
USED COEF. VAR	.403	.430	.430	.432	.420	.417	.410	.402	.399	.393
MEAN/A										
RP10/A	.1501	.1068	.2193	.2322	.2469	.2648	.2754	.3133	.3472	.3863
RP25/A	.2311	.3092	.3450	.3353	.3857	.4157	.4574	.4825	.5341	.5855
RP50/A	.2776	.3798	.4216	.3963	.4555	.5013	.5456	.5712	.6249	.6773
RP100/A	.3114	.4320	.4780	.4438	.5233	.5634	.6085	.6342	.6959	.7713
RP1000/A	.3343	.4834	.5333	.4835	.5790	.6240	.6783	.7040	.7712	.8501
RP10000/A	.4449	.6512	.7128	.6251	.7607	.8180	.8815	.8854	.9597	1.0625
PMF/A	.5514	.8180	.8881	.7617	.9353	1.0054	1.0446	1.0054	1.1468	1.2692
	1.0575	1.4459	1.6338	1.3887	1.6021	1.9354	2.1123	2.2071	2.4408	2.6980

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	FLV	SFC	TMP	WNG	LAT	WMM	LATITUDE	LONGITUDE	COUNTY
E60 2109 0	CUYOTE RESERVOIR	400	09	105	04E	C	M	37.00N	121.540	43
PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE										
RETURN PERIOD IN YEARS										
	10	20	30	40	50	60	80	100	150	200
2	2.43	3.20	3.52	3.78	4.16	4.43	4.96	5.44	6.27	6.94
5	3.43	4.64	5.09	5.43	5.94	6.31	7.00	7.61	8.72	9.84
10	4.09	5.65	6.18	6.34	7.13	7.56	8.30	8.98	10.25	11.32
20	4.62	6.63	7.22	7.01	8.25	8.75	9.52	10.03	11.64	12.85
25	4.92	6.94	7.55	7.44	8.63	9.12	9.90	10.43	12.07	13.32
40	5.32	7.59	8.23	8.04	9.32	9.89	10.68	11.43	12.95	14.28
50	5.51	7.89	8.56	8.37	9.67	10.25	11.04	11.80	13.36	14.73
100	6.10	8.63	9.35	9.17	10.72	11.35	12.14	12.93	14.59	15.98
200	6.67	9.76	10.53	10.35	11.74	12.43	13.21	14.03	15.77	17.39
1000	7.97	11.94	12.76	13.19	14.00	14.88	15.63	16.47	18.42	20.29
10000	9.77	14.91	15.70	16.32	17.29	18.29	18.95	19.82	22.01	24.24
PMF	18.72	26.74	29.25	30.71	33.31	35.21	38.31	41.07	46.85	51.53
MEAN										
CLOCK HR. COR.	2.668	3.594	3.926	4.101	4.564	4.854	5.354	5.829	6.664	7.377
CALCULATED SKEW	1.140	1.470	1.040	1.020	1.011	1.010	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.098	1.450	1.500	1.235	1.026	1.084	.990	.707	.560	.488
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800
KURTOSIS										
RECORD YEAR	3.300	4.565	5.032	4.435	4.002	4.442	4.084	3.385	2.970	2.772
RECORD MAXIMUM	4.790	8.490	10.030	10.170	10.990	11.440	11.77	12.750	14.890	16.420
NORMALIZED MAX	1.717	2.659	2.926	2.911	2.676	2.856	2.666	2.467	2.162	2.350
CALC. COEF. VAR	.467	.533	.531	.532	.459	.443	.419	.419	.408	.393
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399
MEAN/A										
RP10/A	.1285	.1737	.1898	.2021	.2206	.2346	.2590	.2818	.3221	.3566
RP25/A	.1978	.2730	.2985	.3104	.3446	.3658	.4014	.4340	.4955	.5470
RP50/A	.2376	.3353	.3649	.3440	.4159	.4409	.4784	.5137	.5835	.6437
RP100/A	.2865	.4014	.4336	.4134	.4976	.5255	.5704	.6048	.7120	.7822
RP1000/A	.2947	.4269	.4615	.4817	.5181	.5488	.5868	.6250	.7773	.8913
RP10000/A	.3850	.5750	.6168	.6072	.7097	.7154	.7553	.7963	.9808	1.1231
PMF/A	.4722	.7205	.7685	.7841	.8358	.8842	.9158	.9582	1.0639	1.1716
	1.2344	1.6131	1.7137	1.6844	1.8101	1.7022	1.8520	1.9851	2.2644	2.4916

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 *IF N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	FLEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE
E60 2230 1	CUPEUTINO	215	13	075	02W	G	M	37.317	122.033	43
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.002	2.559	2.91	3.10	3.47	3.71	4.12	4.42	5.08	5.58
5	2.485	3.73	4.21	4.53	4.96	5.28	5.80	6.14	7.07	7.74
10	3.41	4.54	5.11	5.40	5.95	6.33	6.89	7.29	8.30	9.09
20	3.92	5.33	5.97	6.35	6.89	7.32	7.90	8.31	9.43	10.32
25	4.039	5.58	6.24	6.63	7.18	7.63	8.21	8.63	9.78	10.70
40	4.43	6.10	6.81	7.21	7.79	8.28	8.86	9.24	10.49	11.47
50	4.58	6.35	7.08	7.48	8.08	8.58	9.16	9.56	10.82	11.83
100	5.10	7.10	7.90	8.45	9.45	10.07	10.67	10.44	11.82	12.92
200	5.46	7.85	8.71	9.44	10.41	10.98	11.38	11.78	13.97	15.16
1000	6.62	9.57	10.56	11.61	11.74	12.46	12.96	13.37	14.92	16.30
10000	8.12	11.49	13.15	13.61	14.44	15.31	15.72	16.09	17.83	19.47
PMF	15.57	21.54	24.19	25.63	27.42	29.47	31.78	33.33	37.95	41.40
MEAN	2.209	2.892	3.248	3.440	3.813	4.063	4.445	4.732	5.199	5.926
CLOCK HR. CON.	1.148	1.178	1.040	1.020	1.011	1.010	1.000	1.000	1.000	1.000
CALCULATE SKEW	1.197	1.798	1.938	1.973	1.281	1.184	1.073	1.293	1.309	1.309
REGIONAL SKEW	1.306	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000
KURTOSIS	4.563	3.224	3.728	3.926	6.121	5.552	7.557	6.318	4.163	3.661
N	73	73	73	73	73	73	73	73	73	73
RECORD YEAR	1963	1911	1911	1908	1956	1946	1956	1958	1958	1968
RECORD MAXIMUM	4.508	5.688	6.780	7.880	10.330	10.540	12.750	12.750	13.330	14.190
NORMALIZED MAX	2.458	2.342	2.645	3.032	4.045	4.945	4.502	4.245	3.668	3.318
CALC. COEF. VAR	4.22	4.12	4.09	4.15	4.31	4.04	4.15	4.01	4.01	4.20
REGION. COEF. VAR	4.83	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
USED COEF. VAR	4.83	4.30	4.30	4.23	4.20	4.17	4.10	4.03	4.02	3.99
MEAN/A	1.148	1.178	1.081	1.074	1.024	1.024	1.024	1.024	1.024	1.024
HP10/A	2.075	2.772	3.117	3.333	3.832	4.202	4.443	4.665	5.546	6.648
HP25/A	2.493	3.408	3.809	4.045	4.383	4.657	5.262	5.865	6.527	7.564
HP50/A	2.796	3.873	4.318	4.565	4.928	5.234	5.985	6.663	7.219	8.300
RP100/A	3.932	5.324	5.918	6.43	7.049	7.577	8.13	8.603	9.78	10.70
RP1000/A	4.039	5.58	6.240	6.63	7.182	7.599	7.977	8.157	9.102	9.945
RP10000/A	4.454	7.15	8.023	8.812	9.800	10.40	10.88	11.087	12.879	14.718
PMF/A	4.945	1.3142	1.4759	1.5636	1.6963	1.7980	1.9388	2.0334	2.3150	2.5252

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	FLEV	SEC	TWP	RNG LOT	HWM	LATITUDE	LONGITUDE	COUNTY CODE	
E60 2919 0	EVERGREEN	360	20	075	02E G	M	37.317	122.033	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.60	1.83	2.07	2.30	2.46	2.66	2.95	3.21	3.73	4.38
5	2.25	2.65	3.00	3.30	3.51	3.79	4.16	4.49	5.26	6.06
10	2.64	3.21	3.68	3.98	4.21	4.54	4.93	5.30	6.18	7.11
20	3.10	3.74	4.25	4.63	4.88	5.25	5.66	6.04	7.02	8.07
25	3.23	3.96	4.45	4.83	5.09	5.47	5.88	6.27	7.28	8.37
40	3.50	4.33	4.85	5.26	5.52	5.93	6.39	6.75	7.81	8.98
50	3.62	4.51	5.04	5.45	5.72	6.15	6.58	6.97	8.08	9.26
100	4.01	5.04	5.62	6.09	6.33	6.81	7.21	7.59	8.80	10.11
200	4.38	5.57	6.20	6.68	6.94	7.48	7.85	8.28	9.52	10.93
1000	5.23	6.79	7.51	8.02	8.31	8.93	9.28	9.73	11.11	12.75
10000	6.42	8.51	9.36	9.93	10.22	10.98	11.26	11.70	13.28	15.23
PMF	12.30	15.24	17.22	18.66	19.69	21.13	22.76	24.26	28.26	32.38
MEAN	1.766	2.152	2.312	2.543	2.697	2.912	3.184	3.441	4.020	4.636
CLOCK HR. CON.	1.140	1.170	1.040	1.020	1.011	1.010	1.000	1.000	1.000	1.000
CALCULATE SKEW	1.069	1.154	1.082	1.008	1.095	1.096	1.095	1.093	1.095	1.012
REGIONAL SKEW	1.300	1.500	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000
KURTOSIS	3.738	4.427	3.532	3.816	4.324	3.459	3.502	3.404	3.174	4.332
N	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1952	1958	1956	1952	1952	1952	1952	1952	1952	1952
RECORD MAXIMUM	3.000	3.010	4.160	4.940	5.390	5.760	5.810	6.300	7.210	8.900
NORMALIZED MAX	2.015	2.059	2.327	2.619	2.793	2.651	2.354	2.419	2.498	2.966
CALC. COEF. VAR	1.354	1.355	1.344	1.380	1.358	1.369	1.350	1.343	1.310	1.310
REGION. COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399
USED COEF. VAR	1.403	1.430	1.430	1.423	1.420	1.417	1.410	1.403	1.402	1.399
MEAN/A	1.1279	1.1503	1.1093	1.1082	1.1975	1.2133	1.2331	1.2520	1.2944	1.3395
HP10/A	1.969	2.362	2.664	2.915	3.104	3.323	3.611	3.881	4.529	5.208
HP25/A	2.265	2.901	3.255	3.539	3.723	4.007	4.306	4.595	5.533	6.129
HP50/A	2.265	3.299	3.670	3.994	4.167	4.460	4.748	5.032	5.901	6.778
RP100/A	3.932	5.474	5.503	6.070	6.638	6.998	7.526	7.996	9.444	10.741
RP1000/A	3.932	5.474	5.503	6.070	6.638	6.998	7.526	7.996	9.444	10.741
RP10000/A	4.768	6.232	6.857	7.272	7.442	8.037	8.243	8.570	9.725	11.155
PMF/A	9.006	1.1197	1.2913	1.3679	1.4416	1.5472	1.6070	1.7754	2.0697	2.3712

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

*IF MEAN IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR E60 3347 15	STATION NAME GARROD RANCH	ELEV 910	SEC 40	TWP 40	RNG LOT 40	H&M 40	LATITUDE 37.27N	LONGITUDE 122.05W	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.38	4.27	5.04	5.64	5.77	6.15	7.01	7.54	8.61	9.40	11.07	16.10	26.23
5	4.76	5.19	7.29	7.81	8.24	8.76	9.48	10.54	11.99	13.06	15.30	22.21	34.22
10	5.64	7.54	9.84	9.42	9.49	10.51	11.72	12.43	14.09	15.33	17.93	25.93	38.83
20	6.55	8.54	10.33	10.95	11.45	12.15	13.44	14.18	16.00	17.40	20.33	29.20	42.87
25	6.82	9.26	10.80	11.43	11.93	12.67	13.97	14.72	16.59	18.04	21.07	30.33	44.09
40	7.34	11.12	11.79	12.43	12.45	13.74	14.23	15.83	17.80	19.34	22.59	32.43	46.55
50	7.65	11.53	12.25	12.40	12.42	14.24	15.54	16.34	18.30	19.84	23.29	33.40	47.67
100	8.17	11.74	13.67	14.14	14.17	15.77	17.14	17.11	20.05	21.78	25.41	36.33	51.03
200	9.27	13.03	15.07	15.16	15.24	17.27	18.66	19.42	21.68	23.55	27.46	39.16	54.21
1000	11.14	15.67	18.27	18.49	18.51	20.68	22.06	22.82	25.31	27.44	32.02	45.39	61.11
10000	13.56	19.89	22.76	23.49	23.48	25.43	26.75	27.40	30.25	32.83	38.21	51.70	70.16
PHP	25.44	35.73	41.87	44.19	45.21	48.92	54.00	56.86	64.33	69.73	81.12	117.38	161.32
MEAN	3.609	4.796	5.628	6.010	6.430	6.743	7.586	8.074	9.150	9.991	11.751	14.996	26.977
CLOCK HR. COH.	1.148	1.174	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED S&LW	1.264	7.66	4.52	3.89	3.89	1.261	1.184	.972	.667	.617	.550	.327	.439
REGIONAL S&LW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
S&LW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KUNTUSIS	5.228	3.204	2.732	2.741	4.434	6.560	6.122	5.482	3.822	3.470	2.996	2.743	2.588
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1962	1963	1963	1962	1956	1964	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	7.400	1.603	1.903	1.902	1.956	17.100	1.956	1.948	20.410	21.030	22.900	31.260	49.340
NORMALIZED MAX	2.443	2.204	2.195	2.134	3.043	3.541	3.534	3.394	2.823	2.550	2.229	2.005	2.082
CALC. COEF. VAR	.444	.444	.449	.449	.444	.441	.441	.441	.435	.433	.426	.419	.338
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.400	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.400	.402	.399	.393	.394	.332
MEAN/A	1.168	1.174	1.083	1.220	1.234	1.249	1.284	1.293	1.3395	1.3704	1.4356	1.6297	1.0000
RP25/A	2.104	2.794	3.277	3.451	3.666	3.896	4.344	4.604	5.222	5.682	6.648	9.612	1.4393
RP50/A	2.530	3.431	4.005	4.237	4.424	4.697	5.180	5.560	6.149	6.686	7.811	11.241	1.4342
RP75/A	3.303	3.403	4.500	4.892	4.974	5.270	5.776	6.049	6.804	7.395	8.632	12.382	1.7672
RP100/A	3.134	3.368	4.006	4.510	4.511	4.846	5.353	5.648	7.431	8.074	9.416	13.665	1.8917
RP1000/A	4.094	5.804	6.771	7.030	7.230	7.664	8.178	8.456	9.383	1.0188	11.667	16.826	2.2652
RP10000/A	5.027	7.732	8.436	8.707	8.940	9.420	9.916	11.177	11.213	12.170	14.163	19.944	2.6007
PHP/A	9.635	13.245	15.519	16.374	17.128	18.133	21.051	21.104	23.865	25.870	31.033	43.509	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR E60 3419 2	STATION NAME GILROY 4444	ELEV 1080	SEC 23	TWP 105	RNG LOT 03E	H&M M	LATITUDE 37.05N	LONGITUDE 121.725	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.10	6.53	7.75	8.45	9.16	10.26	11.11	12.18	13.80	15.49	18.46	26.22	44.49
5	7.18	9.47	11.21	12.12	13.06	14.61	15.64	17.02	19.21	21.52	25.32	36.16	58.02
10	8.57	11.53	13.60	14.61	15.70	17.52	18.50	20.00	22.55	25.26	29.92	42.22	65.84
20	9.84	13.53	15.89	16.99	18.17	20.26	21.31	22.90	25.64	28.68	33.92	47.70	72.70
25	10.30	14.16	16.62	17.74	18.94	21.12	22.15	23.77	26.59	29.73	35.16	49.38	74.76
40	11.15	15.44	18.13	19.29	20.55	22.91	22.57	25.56	28.52	31.88	37.98	52.81	78.93
50	11.55	16.10	18.84	20.02	21.30	23.74	24.71	26.40	29.42	32.88	38.85	54.39	80.84
100	12.77	18.02	21.02	22.25	23.60	26.29	27.17	28.92	32.13	35.90	42.39	59.16	86.54
200	13.97	19.92	23.17	24.45	25.85	28.60	29.58	31.37	34.74	38.41	45.81	63.76	91.93
1000	16.69	26.28	29.09	30.48	30.96	34.47	34.98	36.85	40.57	45.30	53.41	73.91	103.63
10000	20.47	31.42	35.00	36.45	36.97	42.37	42.41	46.31	48.48	54.11	63.74	87.61	118.98
PHP	34.23	54.65	64.39	68.57	73.34	81.56	85.78	91.85	103.18	115.02	135.17	191.12	273.57
MEAN	5.568	7.336	8.642	9.335	10.047	11.242	11.995	13.038	14.677	16.446	19.655	27.659	45.747
CLDCK HR. COH.	1.146	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.118	1.462	1.755	1.900	1.116	-0.049	-0.647	-0.469	-0.332	-0.112	.719	.547	.686
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KUNTUSIS	4.691	3.054	4.040	3.549	3.131	2.417	2.465	2.675	2.388	2.245	4.017	3.690	3.465
RECORD YEAR	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD MAXIMUM	1960	1960	1963	1963	1963	1963	1951	1951	1951	1951	1951	1952	1952
NORMALIZED MAX	10.500	14.000	17.800	17.950	17.950	17.950	21.000	21.000	22.000	26.000	26.000	30.630	51.810
CALC. COEF. VAR	2.165	2.073	2.435	2.331	2.142	1.644	1.682	1.625	1.397	1.575	2.400	7.248	2.215
REGN. COEF. VAR	.409	.438	.435	.434	.437	.363	.355	.329	.357	.368	.412	.388	.381
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.217	1.604	1.889	2.041	2.196	2.457	2.622	2.850	3.208	3.599	4.285	6.046	1.0000
RP10/A	1.874	2.520	2.972	3.195	3.431	3.830	4.063	4.390	4.935	5.522	6.540	9.230	1.4393
RP25/A	2.281	3.073	3.432	3.678	3.843	4.418	4.843	5.196	5.912	6.498	7.685	11.074	1.6342
RP50/A	2.525	3.320	3.618	3.876	4.056	4.540	5.001	5.470	6.430	7.187	8.493	11.889	1.7672
RP100/A	2.792	3.640	4.595	4.865	5.158	5.748	5.940	6.322	7.023	7.847	9.266	12.933	1.8917
RP1000/A	3.644	5.507	6.141	6.439	6.767	7.535	7.646	8.054	8.868	9.901	11.676	16.517	2.2652
RP10000/A	4.674	6.658	7.651	7.968	8.321	9.261	9.276	9.692	10.957	11.827	13.848	19.151	2.6007
PHP/A	8.574	11.946	14.074	14.990	16.033	17.828	18.747	20.079	22.555	25.142	29.548	41.778	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHEN N IS SMALL RESULTS ARE NOT DERENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	HWM	LATITUDE	LONGITUDE	COUNTY			
E60 3691 0	GUADALUPE RESERVOIR	460	29	0R5	01E	0	H	37-20	121-443	43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION IN-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.61	4.63	5.26	5.71	6.17	6.63	7.24	7.76	8.80	9.61	11.26	16.15	26.56
5	4.45	6.70	7.61	8.19	8.84	9.45	10.21	10.84	12.25	13.75	15.57	22.27	36.44
10	5.91	8.16	9.23	9.88	10.61	11.33	12.12	12.79	14.39	15.68	18.25	26.00	39.31
20	6.91	9.59	10.78	11.44	12.20	13.00	13.80	14.58	16.34	17.79	20.69	29.38	43.40
25	7.10	10.02	11.28	11.94	12.80	13.66	14.44	15.14	16.94	18.45	21.44	30.41	44.63
40	7.84	10.94	12.30	13.14	13.88	14.81	15.71	16.24	18.14	19.78	22.98	32.52	47.12
50	7.96	11.40	12.78	13.53	14.39	15.35	16.11	16.81	18.75	20.40	23.70	33.50	48.26
100	8.49	12.76	14.29	15.04	15.90	17.00	17.72	18.47	20.47	22.25	26.05	36.44	51.66
200	9.63	14.10	15.72	16.52	17.46	18.62	19.24	19.90	22.14	24.08	27.94	39.27	54.68
1000	11.56	17.19	19.06	19.91	20.92	22.04	22.80	23.47	25.85	28.11	32.58	45.52	61.86
10000	14.10	21.54	23.75	24.63	25.72	27.39	27.85	28.24	30.96	33.57	38.06	53.96	71.03
PMP	27.03	36.67	43.69	46.34	49.55	52.73	55.91	58.50	65.76	71.37	82.44	117.71	161.31
MEAN	3.937	5.194	5.865	6.319	6.780	7.249	7.720	8.204	9.354	10.217	11.957	17.035	27.310
CLOCK HR. COM.	1.140	1.770	1.049	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.375	1.424	1.547	1.393	1.314	1.408	1.356	1.189	1.035	.920	.854	.449	.731
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.800	.500	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.800	.500	.500
KURTOSIS	5.440	6.144	6.667	5.612	4.923	5.692	5.381	4.791	4.139	3.691	3.501	2.587	2.731
N	39	39	39	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	7.622	12.630	15.510	15.790	15.790	17.456	19.170	14.53	20.91	21.780	24.140	29.860	47.380
NORMALIZED MAX	2.543	3.224	3.440	3.364	2.953	3.195	3.338	3.230	3.114	2.939	2.770	2.104	2.005
CALC. COEF. VAR	.388	.455	.478	.447	.444	.438	.438	.410	.397	.385	.368	.358	.356
REGION. COEF. VAR	.403	.430	.430	.423	.421	.417	.410	.403	.399	.393	.393	.334	.332
USED COEF. VAR	.403	.430	.430	.423	.421	.417	.410	.403	.399	.393	.394	.334	.332
MEAN/A	.1405	.1902	.2147	.2310	.2486	.2662	.2863	.3041	.3425	.3741	.4378	.6238	1.0000
NP25/A	.2163	.2989	.3379	.3616	.3883	.4148	.4438	.4683	.5268	.5740	.6682	.9522	1.4393
NP50/A	.2504	.3679	.4129	.4349	.4686	.5001	.5249	.5544	.6204	.6754	.7851	1.1130	1.6342
NP100/A	.2545	.4175	.4681	.4954	.5264	.5601	.5888	.6156	.6884	.7476	.8676	1.2266	1.7672
RP100/A	.3223	.4672	.5223	.5507	.5838	.6225	.6474	.6747	.7497	.8158	.9467	1.3343	1.8917
RP1000/A	.4211	.6294	.6980	.7284	.7654	.8161	.8350	.8593	.9467	1.0291	1.1928	1.6669	2.2652
RP10000/A	.5185	.7686	.8697	.9020	.9417	1.0031	1.0124	1.0314	1.1313	1.2293	1.4235	1.9758	2.6050
PMP/A	.9999	1.4168	1.5994	1.6968	1.8144	1.9309	2.0473	2.1421	2.4078	2.6132	3.0187	4.3102	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 4682 0	STATION NAME LAKE ELSMAN SJWP	ELEV 1000	SEC 24	TWP 0R5	RNG 01W	LOT N	HWM H	LATITUDE 37-130	LONGITUDE 121-925	COUNTY 43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION IN-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.63	6.25	7.09	7.73	8.61	9.21	10.24	11.06	12.38	13.76	16.48	23.20	46.03
5	6.53	9.06	10.26	10.57	12.47	13.12	14.43	15.48	17.23	19.11	22.79	31.49	52.22
10	7.70	11.03	12.45	13.37	14.75	15.73	17.13	18.24	20.24	22.43	26.71	37.95	59.25
20	8.49	12.95	14.55	14.88	17.07	18.20	19.84	20.80	22.49	25.46	30.29	42.20	65.42
25	9.36	13.55	15.21	14.62	17.80	18.97	20.42	21.59	23.84	26.40	31.39	43.68	67.28
40	10.14	14.82	16.59	15.74	19.31	20.57	20.80	23.22	25.57	28.31	33.04	46.72	71.03
50	10.59	15.41	17.24	16.27	20.01	21.32	22.77	23.57	26.37	29.19	34.64	48.12	72.75
100	11.61	17.25	19.24	17.87	22.17	23.61	25.05	26.27	28.80	31.67	37.55	52.34	77.88
200	12.70	19.07	21.21	19.46	24.29	25.86	27.26	28.49	31.15	34.46	40.90	56.40	82.73
1000	15.17	23.24	25.71	23.06	29.69	30.94	32.24	33.46	36.37	40.22	47.04	65.39	93.26
PMP	35.66	52.31	68.93	51.24	68.41	73.24	79.04	83.42	92.51	102.12	120.68	169.08	246.19
MEAN	5.061	7.322	7.910	8.568	9.440	10.095	11.055	11.841	13.159	14.620	17.503	24.468	41.168
CLOCK HR. COM.	1.140	1.770	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.289	1.552	1.273	1.410	2.044	2.268	2.251	1.956	1.653	1.506	1.130	.548	.385
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.800	.500	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.800	.500	.500
KURTOSIS	5.742	6.240	5.737	5.691	8.291	9.886	9.804	8.553	6.863	5.957	5.127	3.279	1.934
RECORD YEAR	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD MAXIMUM	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
NORMALIZED MAX	9.586	15.180	16.730	16.630	24.330	27.430	30.530	31.180	33.400	35.180	38.450	46.560	64.630
CALC. COEF. VAR	2.250	2.830	2.728	2.707	3.269	3.434	3.572	3.443	3.241	3.082	2.955	2.400	1.630
REGION. COEF. VAR	.497	.440	.409	.434	.444	.494	.493	.474	.475	.456	.405	.373	.359
USED COEF. VAR	.403	.430	.430	.432	.423	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1229	.1706	.1921	.2081	.2293	.2452	.2685	.2876	.3196	.3551	.4252	.5943	1.0000
NP10/A	.1993	.2860	.3023	.3005	.3593	.3821	.4162	.4431	.4917	.5449	.6480	.9073	1.4393
NP25/A	.2424	.3992	.4328	.4301	.4930	.5268	.5644	.5844	.6412	.7024	.8252	1.2001	1.6342
NP50/A	.2650	.4384	.4888	.4951	.5861	.6179	.6551	.6823	.7406	.7991	.9426	1.1688	1.7672
RP100/A	.3820	.4970	.4673	.4342	.5385	.5736	.6084	.6380	.6997	.7742	.9193	1.2713	1.8917
RP1000/A	.6265	.5645	.6244	.5602	.7066	.7519	.7831	.8129	.8835	.9769	1.1583	1.5863	2.2652
RP10000/A	.7173	.7782	.6820	.6202	.8068	.8292	.8458	.8658	.9469	1.0469	1.2824	1.8826	2.6007
PMP/A	.8661	1.2706	1.4315	1.2445	1.6739	1.7791	1.9200	2.0264	2.2471	2.4806	2.9315	4.1069	5.9800

PEAKS TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	4MM	LATITUDE	LONGITUDE	COUNTY	CODE
E60 4688 0	LAKE KITT-PUGE SJW	1400	31	04S	01W	K	M	37.143	122.017	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	4.44	6.17	7.10	7.94	8.62	9.22	10.23	11.12	12.74	14.11	16.42
5	6.54	8.93	10.27	11.39	12.31	13.14	14.42	15.54	17.79	19.60	23.31
10	7.41	1.04	12.45	13.34	14.77	15.75	17.12	18.34	20.76	23.01	26.01
20	9.71	12.77	14.56	16.10	17.03	18.29	19.53	20.91	23.74	26.12	30.17
25	9.34	13.36	15.22	16.54	17.82	18.99	20.44	21.71	24.62	27.07	31.20
40	10.16	14.61	16.60	17.94	19.33	20.59	22.74	24.34	26.41	29.03	33.51
40	10.52	15.20	17.25	18.29	20.14	21.34	22.75	24.10	27.24	29.94	34.55
100	11.23	17.01	19.25	21.00	22.64	24.04	26.21	28.11	29.75	32.90	37.64
200	12.73	14.00	21.22	23.48	24.12	25.89	27.24	28.64	32.17	35.15	40.76
1000	15.20	22.91	25.73	28.99	29.13	30.99	32.21	33.65	37.56	41.25	47.50
10000	18.64	24.71	32.06	34.14	35.81	38.09	39.06	40.49	44.89	49.27	56.67
PMP	35.73	51.50	57.98	61.30	64.01	71.32	75.99	83.67	95.53	104.74	120.21
MEAN	5.071	6.924	7.916	8.579	9.453	10.106	11.047	11.906	13.589	14.996	17.434
CLOCK HR. CUR.	1.144	1.71	1.940	2.070	2.170	2.250	2.310	2.360	2.400	2.440	2.480
CALCULATED SKEW	1.241	1.534	1.577	1.614	1.638	1.674	1.713	1.751	1.793	1.831	1.874
REGIONAL SKEW	1.360	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
KURTOSIS	5.346	6.614	6.714	6.824	6.922	11.034	11.594	11.900	7.444	6.345	5.473
RECORD YEAR	59	59	59	58	58	58	58	58	58	58	58
RECORD MAXIMUM	10.100	17.17	20.340	21.370	21.700	35.050	35.550	37.57	34.250	31.80	52.770
NORMALIZED MAX	2.013	3.501	3.675	3.129	4.454	4.694	4.459	4.604	4.235	3.992	3.900
CALC. COEF. VAR	.372	.418	.427	.413	.444	.457	.447	.425	.417	.405	.395
REGION. COEF. VAR	.403	.431	.430	.432	.420	.417	.410	.403	.399	.393	.384
USED COEF. VAR	.403	.430	.430	.432	.420	.417	.410	.403	.399	.393	.384
MEAN/A	1.236	1.687	1.929	2.090	2.203	2.262	2.292	2.291	3.311	3.354	4.248
RP10/A	.1913	.2651	.3035	.3101	.3299	.3737	.4172	.4468	.5093	.5606	.6643
RP25/A	.2246	.3254	.3709	.3557	.4443	.4627	.4971	.5289	.5944	.6546	.7617
RP50/A	.2564	.3704	.4204	.4008	.4943	.5201	.5544	.5873	.6636	.7295	.8418
RP100/A	.2859	.4145	.4691	.4301	.5407	.5766	.6094	.6444	.7248	.7965	.9155
RP1000/A	.3703	.5583	.6269	.6027	.7197	.7551	.7849	.8198	.9152	1.0051	1.1573
RP10000/A	.4542	.6796	.7812	.6856	.8726	.9281	.7517	.9865	1.0937	1.2006	1.3912
PMP/A	.8765	1.2569	1.4370	1.2501	1.6814	1.7865	1.4246	2.0436	2.3277	2.5522	2.4289

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. HSN ORDER SUR	STATION NAME	ELEV	SEC	TWP	RNG	LOT	4MM	LATITUDE	LONGITUDE	COUNTY	CODE
E60 4688 0	LAKE MCKENZIE SJ	1819	25	04S	02W	P	M	37.217	122.067	43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 1-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	4.41	6.49	7.67	8.65	9.59	10.34	11.32	12.14	14.17	15.49	18.02
5	6.78	9.41	11.10	11.54	13.58	14.74	15.96	16.97	19.73	21.51	26.01
10	8.49	11.45	13.46	13.50	16.41	17.67	18.95	20.03	23.18	25.14	30.17
20	9.34	13.44	15.73	15.37	19.00	20.43	21.72	22.84	26.33	28.66	33.10
25	9.72	14.07	16.45	16.96	19.81	21.30	22.58	23.71	27.29	29.71	34.30
40	10.53	15.38	17.96	17.18	21.44	23.10	23.80	25.49	29.28	31.86	36.71
50	10.91	16.00	18.65	17.75	22.27	23.94	25.16	26.32	30.21	32.86	37.91
100	12.06	17.91	20.81	19.51	24.57	26.52	27.70	28.84	32.94	35.88	41.30
200	13.19	19.79	22.84	21.24	27.03	29.44	30.15	31.28	35.67	38.77	44.70
1000	15.76	24.12	27.81	25.17	36.37	34.76	35.65	36.75	41.65	45.27	52.12
10000	19.33	30.23	34.65	30.67	39.00	42.72	43.23	44.22	49.77	54.04	62.20
PMP	37.04	54.36	63.75	55.91	76.49	82.24	87.41	91.61	105.93	114.96	131.84
MEAN	5.258	7.289	8.557	9.359	10.506	11.336	12.225	13.003	15.068	16.458	19.129
CLOCK HR. COR.	1.140	1.370	1.400	1.620	1.910	1.910	1.900	1.890	1.900	1.900	1.900
CALCULATED SKEW	1.241	1.405	1.546	1.389	2.059	2.973	3.079	2.992	2.419	2.231	2.234
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800
KURTOSIS	7.449	6.552	7.165	6.143	13.275	15.299	16.005	15.228	12.223	11.293	11.050
RECORD YEAR	45	45	45	33	33	33	33	33	33	33	33
RECORD MAXIMUM	12.010	17.260	21.560	22.990	33.960	39.110	42.270	43.200	44.850	46.870	51.810
NORMALIZED MAX	3.193	3.400	3.667	3.344	4.264	4.828	4.547	4.300	4.139	4.17	3.820
CALC. COEF. VAR	.403	.430	.430	.432	.420	.417	.410	.403	.399	.393	.384
REGION. COEF. VAR	.403	.430	.430	.432	.420	.417	.410	.403	.399	.393	.384
USED COEF. VAR	.403	.430	.430	.432	.420	.417	.410	.403	.399	.393	.384
MEAN/A	.1144	.1586	.1862	.2034	.2286	.2466	.2660	.2824	.3278	.3580	.4161
RP10/A	.1761	.2492	.2920	.2437	.3571	.3843	.4122	.4357	.5042	.5493	.6351
RP25/A	.2116	.3361	.3570	.3471	.4304	.4534	.4812	.5166	.5938	.6464	.743
RP50/A	.2473	.3481	.4057	.3861	.4865	.5095	.5476	.5727	.6570	.7144	.8247
RP100/A	.2624	.3896	.4527	.4243	.5368	.5768	.6025	.6275	.7175	.7809	.8998
RP1000/A	.3428	.5248	.6051	.5475	.7042	.7562	.7754	.7994	.9061	.9849	1.1338
RP10000/A	.4204	.6576	.7539	.6861	.9085	.9404	.9622	1.0028	1.1065	1.1765	1.351
PMP/A	.8098	1.1813	1.3968	1.2104	1.6085	1.7892	1.9017	1.9924	2.3045	2.5009	2.8693

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 4914 0	STATION NAME LEHUY ANNEHSON DAM SCFC	ELEV 700	SEC 13	TWP 04S	RNG LOT 03F K	HMM M	LATITUDE 37.109	LONGITUDE 121.630	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.42	2.99	3.34	3.60	4.06	4.38	4.97	5.31	5.93	6.77	7.94	11.56	18.96
5	2.61	3.33	4.83	5.17	5.79	6.74	7.00	7.41	8.26	9.40	10.36	15.93	24.73
10	2.67	3.06	4.24	4.60	5.25	6.36	6.73	7.06	7.82	8.77	9.61	14.07	21.02
20	2.67	3.19	4.85	5.24	5.65	6.46	6.53	6.97	11.02	12.52	14.59	21.02	30.99
25	2.69	3.48	4.77	5.36	5.39	6.32	6.90	10.35	11.43	12.98	15.61	21.76	31.87
30	2.74	3.08	4.94	5.22	5.10	5.78	10.09	11.13	12.26	13.92	16.12	23.27	33.65
40	2.67	3.37	4.12	4.53	4.83	5.68	11.04	11.46	11.08	12.66	13.71	21.99	34.66
100	2.68	3.24	4.06	4.49	10.45	11.23	12.15	12.59	13.81	15.47	18.23	26.07	36.89
500	6.93	11.11	9.94	11.42	11.45	12.30	13.22	13.60	14.94	16.95	19.70	29.00	39.19
1000	11.10	12.11	12.50	12.50	12.71	13.07	15.64	16.05	17.44	19.74	22.97	32.57	44.18
10000	17.41	17.41	15.09	15.24	14.96	14.96	14.96	19.31	20.74	21.67	18.51	21.67	31.62
PMP	14.61	25.00	27.76	29.43	30.40	30.44	31.34	30.00	46.35	50.23	54.13	44.23	116.62

MEAN	2.442	2.355	2.327	2.390	2.344	2.382	2.362	2.378	2.390	2.390	2.390	12.189	19.502
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.990	2.000	1.994	1.954	1.914	1.871	1.843	1.840	1.840	1.877	1.932	1.801	1.748
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400

KURTOSIS	7.183	8.110	7.029	8.109	7.122	7.027	7.004	7.357	7.251	7.265	7.502	7.809	7.973
N	25	25	25	25	25	25	25	25	25	25	25	25	25
HFCORR YEAR	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963
RECORD MAXIMUM	2.499	2.518	2.485	2.524	2.495	2.497	2.500	2.498	2.503	2.503	2.503	21.99	33.55
NORMALIZED MAX	2.499	2.518	2.485	2.524	2.495	2.497	2.500	2.498	2.503	2.503	2.503	21.99	33.55
CALC. COEF. VAR	0.49	0.36	0.32	0.44	0.41	0.43	0.45	0.45	0.45	0.48	0.40	0.38	0.369
REGION. COEF. VAR	0.43	0.30	0.30	0.25	0.22	0.17	0.10	0.03	0.02	0.39	0.39	0.39	0.332
USED COEF. VAR	0.43	0.30	0.30	0.25	0.22	0.17	0.10	0.03	0.02	0.39	0.39	0.39	0.332

MEAN/A	1.355	1.720	1.911	2.041	2.281	2.462	2.749	2.912	3.035	3.067	3.323	6.250	1.0000
HP10/A	2.096	2.703	2.895	3.134	3.354	3.437	3.421	3.484	3.497	3.507	3.558	3.591	1.4393
HP25/A	2.504	3.321	3.874	4.307	4.501	4.508	4.508	4.508	4.508	4.508	4.508	4.508	1.1139
HP50/A	2.811	3.777	4.195	4.576	4.836	4.903	4.884	4.884	4.884	4.884	4.884	4.884	1.0762
HP100/A	3.108	4.227	4.667	5.055	5.358	5.569	5.629	5.638	5.638	5.638	5.638	5.638	1.0917
HP1000/A	4.063	5.694	6.211	6.639	7.031	7.550	8.017	8.424	8.842	9.264	1.0143	1.1753	2.2652
HP10000/A	4.964	7.136	7.734	8.268	8.744	9.221	9.691	1.0058	1.0115	1.0057	1.0058	2.0007	
PMP/A	2.955	2.417	1.4236	1.4994	1.6054	1.7863	1.9558	2.0512	2.0743	2.0755	2.0810	4.3190	6.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 4922 0	STATION NAME LEXINGTON RES	ELEV 555	SEC 700	TWP 04S	RNG LOT 01W J	HMM 11	LATITUDE 37.177	LONGITUDE 121.988	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.21	5.52	6.47	7.00	7.41	8.44	9.39	10.31	11.25	12.59	14.99	21.08	35.18
5	5.43	7.99	9.35	10.05	11.15	12.03	13.24	14.41	15.66	17.49	20.72	29.07	45.88
10	7.08	9.73	11.35	12.12	13.34	14.42	15.72	17.01	18.40	20.53	24.20	33.95	52.07
20	8.16	11.42	13.26	14.09	15.69	16.68	18.02	19.40	20.90	23.31	27.53	38.35	57.49
25	8.59	11.95	13.87	14.71	16.15	17.38	18.73	20.13	21.67	24.16	28.53	40.70	59.12
40	9.21	13.07	15.13	16.00	17.51	18.95	19.08	21.05	23.25	25.91	30.58	42.45	62.42
50	9.54	13.60	15.72	16.00	18.15	19.54	20.89	22.36	23.94	26.72	31.53	43.73	63.93
100	10.55	15.22	17.54	18.40	20.11	21.64	22.94	24.49	26.19	29.17	34.41	47.57	68.43
200	11.54	16.42	19.34	20.29	22.03	23.76	25.01	26.57	28.32	31.54	37.18	51.26	72.70
1000	13.78	21.50	23.44	24.43	26.34	28.37	29.57	31.21	33.07	36.81	43.35	59.42	81.95
10000	16.90	25.68	29.21	30.23	32.44	34.87	35.86	37.55	39.52	43.97	51.74	70.43	94.08
PMP	32.49	60.14	63.74	56.07	62.51	67.12	72.51	77.80	84.11	93.47	109.71	153.66	216.33

MEAN	4.597	6.193	7.213	7.742	8.563	9.251	10.142	11.043	11.965	13.382	15.912	22.237	36.176
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.292	1.292	1.292	1.292	1.292	1.292	1.292	1.292	1.292	1.292	1.292	1.292	1.292
REGIONAL SKEW	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
SKEW USED	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400

KURTOSIS	3.486	5.559	5.657	4.353	5.288	6.444	5.362	5.832	4.998	3.730	1.228	2.372	2.209
N	22	22	22	22	22	22	22	22	22	22	22	22	22
HFCORR YEAR	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963
RECORD MAXIMUM	7.008	13.260	15.700	15.700	19.400	22.090	22.550	25.18	26.790	27.970	30.900	38.790	58.490
NORMALIZED MAX	1.005	2.005	2.722	3.004	2.773	3.084	2.693	3.045	2.698	2.648	1.944	1.944	1.794
CALC. COEF. VAR	0.381	0.37	0.42	0.24	0.52	0.45	0.46	0.20	0.42	0.49	0.35	0.383	0.344
REGION. COEF. VAR	0.403	0.39	0.30	0.23	0.20	0.17	0.10	0.03	0.02	0.39	0.39	0.39	0.332
USED COEF. VAR	0.403	0.39	0.30	0.23	0.20	0.17	0.10	0.03	0.02	0.39	0.39	0.39	0.332

MEAN/A	1.271	1.712	1.994	2.140	2.367	2.557	2.803	3.052	3.307	3.699	4.398	6.147	1.0000
HP10/A	1.957	2.650	3.137	3.350	3.498	3.985	4.345	4.701	5.088	5.575	6.713	9.383	1.4393
HP25/A	2.351	3.304	3.834	4.066	4.443	4.805	5.178	5.565	5.991	6.678	7.887	1.0974	1.6342
HP50/A	2.636	3.758	4.346	4.586	5.018	5.401	5.774	6.190	6.629	7.386	8.717	1.2087	1.7670
HP100/A	2.915	4.206	4.849	5.102	5.559	5.951	6.351	6.781	7.239	8.054	9.510	1.3188	2.0917
HP1000/A	3.909	5.666	6.481	6.783	7.842	8.155	8.626	9.142	9.715	1.1993	1.6426	2.2652	
HP10000/A	4.671	7.699	8.075	8.356	9.968	9.638	9.912	1.0380	1.0925	1.2155	1.4301	1.9470	2.6007
PMP/A	8.953	1.2754	1.4054	1.5719	1.7274	1.8553	2.0045	2.1505	2.3251	2.5838	3.0327	4.2474	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 5123 1	STATION NAME LOS GATOS RES SJW	ELEV 215	SEC 21	TWP URS	RNG LOT 01N P M	WMM M	LATITUDE 37.217	LONGITUDE 121.950	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION J-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.37	4.50	5.14	6.31	6.64	6.43	7.22	7.77	8.86	9.78	11.49	16.18	27.02
5	4.75	6.51	7.43	8.42	8.62	8.20	10.18	10.85	12.34	13.53	15.41	22.31	35.24
10	5.47	7.49	8.32	9.05	9.14	8.75	11.15	12.09	12.81	14.49	16.23	26.06	39.99
20	6.54	9.31	10.24	11.21	11.47	12.90	13.86	14.61	16.46	18.10	21.01	29.44	44.15
25	6.81	9.74	11.02	11.64	12.44	13.44	14.40	15.17	17.07	18.76	21.77	30.47	45.41
40	7.38	10.65	12.02	12.53	13.54	14.58	14.67	16.31	18.31	20.12	23.33	32.50	47.94
50	7.50	11.04	12.40	12.84	13.86	14.90	15.18	16.89	19.15	21.06	24.10	33.57	49.10
100	8.45	12.40	13.94	14.23	15.45	16.73	17.47	18.45	20.63	22.45	26.25	36.51	52.56
200	9.24	13.71	15.37	15.49	17.04	18.33	19.23	20.02	22.31	24.49	28.37	39.35	56.84
1000	11.04	18.70	14.03	16.36	20.40	21.04	22.74	23.51	26.04	28.54	34.00	46.00	65.00
10000	13.54	21.93	23.21	22.37	25.69	26.36	27.58	28.29	31.12	34.14	39.47	54.07	72.26
PMF	25.45	37.60	42.70	40.79	46.33	51.40	55.76	56.61	66.24	72.58	83.71	117.95	166.16
MEAN	3.683	5.147	5.732	6.821	6.821	7.154	7.794	8.319	9.423	10.390	12.140	17.069	27.786
CLOCK HR. COM.	1.140	1.470	1.044	1.020	1.031	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.913	1.427	1.354	1.964	1.733	2.115	2.137	1.984	1.501	1.324	.988	.507	.568
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.600	.500	.500
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.600	.500	.500
KURTOSIS	4.024	5.429	5.598	43.753	8.422	11.520	11.304	1.462	7.289	6.080	4.625	2.962	2.211
N	4	5	5	3	5	5	5	5	5	5	5	5	5
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1941
RECORD MAXIMUM	6.880	11.680	13.660	46.440	14.930	22.030	23.750	24.560	25.650	26.620	29.050	35.230	53.140
NORMALIZED MAX	2.123	3.012	3.222	6.763	4.410	4.784	4.834	4.755	4.204	3.615	3.124	2.724	2.400
CALC. COEF. VAR	.383	.430	.439	.656	.421	.435	.428	.411	.359	.390	.391	.359	.359
REGION. COEF. VAR	.403	.430	.430	.332	.421	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.332	.421	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1325	.1816	.2063	.2455	.2383	.2575	.2807	.2994	.3391	.3713	.4346	.6143	1.0000
RP10/A	.2041	.2855	.3246	.3544	.3723	.4012	.4350	.4611	.5216	.5737	.6668	.9137	1.4393
RP25/A	.2452	.3506	.3967	.4489	.4443	.4438	.5184	.5459	.6143	.6751	.7835	1.0767	1.7124
RP50/A	.2740	.3968	.4496	.4800	.5052	.5437	.5781	.6081	.6797	.7466	.8654	1.2000	1.7072
RP100/A	.3041	.4463	.5017	.5121	.5594	.6022	.6359	.6641	.7232	.8152	.9447	1.3140	1.8917
RP1000/A	.3473	.6012	.6705	.6667	.7342	.7845	.8185	.8461	.9373	1.0246	1.1504	1.6148	2.2652
RP10000/A	.4472	.7533	.8355	.8051	.9024	.9703	.9424	1.0181	1.1201	1.2287	1.4200	1.9458	2.4007
PMF/A	.9334	1.3533	1.5369	1.4679	1.7345	1.8679	2.0068	2.1092	2.3840	2.6119	3.0125	4.2448	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 5268 U	STATION NAME MAIN STA SJW	ELEV 100	SEC 07	TWP 07S	RNG LOT 01E R M	WMM M	LATITUDE 37.333	LONGITUDE 121.883	COUNTY CODE 43	
MAXIMUM PRECIPITATION FOR INDICATED DURATION J-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.44	1.95	2.07	2.30	2.47	2.66	3.00	3.27	3.88	4.28
5	2.03	2.88	2.99	3.07	3.53	3.76	4.22	4.57	5.40	5.94
10	2.42	3.27	3.42	3.54	4.23	4.55	5.02	5.40	6.34	6.97
20	2.74	3.83	4.24	4.09	4.40	5.26	5.75	6.15	7.21	7.92
25	2.91	4.01	4.43	4.29	5.11	5.48	5.98	6.39	7.47	8.21
40	3.15	4.39	4.83	4.57	5.54	5.96	6.09	6.87	8.01	8.80
50	3.26	4.56	5.02	4.73	5.74	6.16	6.67	7.09	8.26	9.09
100	3.61	5.11	5.60	5.19	6.36	6.83	7.33	7.77	9.02	9.91
200	3.95	5.64	6.17	5.65	6.97	7.48	7.98	8.43	9.76	10.71
1000	4.72	6.98	7.49	6.79	8.34	8.95	9.44	9.90	11.39	12.50
10000	5.78	8.62	9.33	8.17	10.26	11.00	11.44	11.92	13.61	14.94
PMF	11.09	15.48	17.16	14.89	19.77	21.17	23.14	24.69	28.97	31.75
MEAN	1.574	2.178	2.303	2.440	2.708	2.918	3.236	3.504	4.121	4.546
CLOCK HR. COM.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.590	1.889	1.429	1.152	.944	1.005	.983	.814	.494	.526
NORMALIZED SKEW	1.360	1.400	1.400	1.300	1.300	1.300	1.100	1.000	.900	.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800
KURTOSIS	5.772	6.757	6.243	5.228	4.319	4.430	4.420	4.151	3.125	3.024
N	60	60	60	60	60	60	60	60	60	60
RECORD YEAR	1919	1919	1919	1919	1919	1956	1956	1956	1956	1956
RECORD MAXIMUM	3.120	5.120	5.840	5.850	5.850	6.650	7.300	7.78	8.150	8.810
NORMALIZED MAX	1.360	1.400	1.400	1.300	1.300	1.300	1.100	1.000	.900	.800
CALC. COEF. VAR	.372	.429	.418	.377	.378	.392	.364	.359	.342	.341
REGION. COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399
USED COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399
MEAN/A	.1147	.1515	.1679	.1815	.1974	.2128	.2359	.2555	.3005	.3314
RP10/A	.1766	.2381	.2642	.2621	.3084	.3316	.3657	.3935	.4622	.5085
RP25/A	.2122	.2928	.3279	.3083	.3429	.3682	.4058	.4358	.5045	.5493
RP50/A	.2390	.3326	.3660	.3446	.4185	.4493	.4860	.5172	.6022	.6618
RP100/A	.2632	.3723	.4016	.3787	.4637	.4976	.5345	.5667	.6577	.7225
RP1000/A	.3439	.5015	.5458	.5084	.6093	.6524	.6880	.7207	.8305	.9117
RP10000/A	.4217	.6284	.6800	.6593	.7749	.8018	.8342	.8688	.9925	1.0836
PMF/A	.8083	1.1249	1.2510	1.0855	1.4411	1.5435	1.6870	1.7899	2.1124	2.3150

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB E60 5612 U	STATION NAME MIGUELITO AVE STA 5JW	ELEV 470	SEC 25	TWP 06S	RNG LOT 01E G	HWM H	LATITUDE 37-36.3	LONGITUDE 121-81.7	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	1.447	1.47	2.11	2.33	2.53	2.78	3.10	3.44	4.04	4.58	5.47	8.29	14.96
5	2.07	2.76	3.06	3.11	3.61	3.96	4.37	4.8	5.76	6.76	7.56	11.44	19.52
10	2.68	4.29	3.71	3.64	4.34	4.74	5.18	5.66	6.89	7.47	8.86	13.36	22.15
20	2.86	3.85	4.33	4.15	5.02	5.44	5.94	6.44	7.84	8.46	10.04	15.04	24.45
25	2.86	4.04	4.53	4.31	5.23	5.72	6.17	6.71	7.80	8.79	10.41	15.62	25.14
40	3.22	4.42	4.94	4.68	5.68	6.20	6.74	7.21	8.46	9.43	11.16	16.71	26.55
50	3.74	4.74	5.14	4.73	5.89	6.42	6.97	7.47	8.74	9.72	11.50	17.21	27.19
100	4.04	5.15	5.73	5.26	6.52	7.12	7.67	8.10	9.52	10.61	12.55	18.72	29.11
200	4.04	5.64	6.32	5.73	7.14	7.80	8.24	8.65	10.30	11.48	13.50	20.17	30.92
1000	4.42	6.43	7.66	6.73	8.55	9.44	9.75	10.36	12.03	13.79	15.81	23.38	34.95
10000	5.40	8.40	10.34	9.28	10.52	11.47	11.82	12.51	14.37	16.00	18.87	27.72	40.02
PMP	11.33	15.60	17.55	15.94	20.27	22.04	23.90	25.90	30.54	34.01	40.02	60.46	92.01
MEAN	1.408	2.094	2.356	2.423	2.776	3.045	3.343	3.677	4.351	4.868	5.804	8.750	15.386
CLOCK HR. CUM.	1.140	1.770	1.690	1.620	1.810	1.810	1.800	1.800	1.800	1.800	1.800	1.800	1.800
CALCULATED SKEW	2.160	2.987	1.818	1.735	2.900	1.240	1.271	1.810	2.735	2.670	2.485	2.108	1.690
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.400	1.300	1.100	1.000	0.900	0.800	0.800	0.800	0.800
SKEW USED	1.390	1.600	1.500	1.400	1.400	1.300	1.100	1.000	0.900	0.800	0.800	0.800	0.800
KURTOSIS	7.774	3.808	4.019	3.250	4.139	5.805	5.653	4.552	3.073	3.028	2.914	2.316	2.711
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1942	1942	1942	1942	1971	1942	1942	1942	1942	1942	1971	1942	1973
RECORD MAXIMUM	3.500	3.760	4.420	4.550	4.800	7.260	7.490	8.860	9.240	9.900	12.400	26.380	
NORMALIZED MAX	2.922	2.292	2.571	2.484	2.924	3.423	3.348	1.013	2.989	2.894	2.325	1.974	2.338
CALC. COEF. VAR	0.403	0.347	0.361	0.339	0.400	0.384	0.384	0.384	0.397	0.315	0.303	0.306	0.306
REGION. COEF. VAR	0.403	0.430	0.430	0.332	0.420	0.417	0.410	0.403	0.407	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.332	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	1.045	1.130	1.151	1.160	1.180	1.199	1.213	1.230	1.282	1.314	1.372	1.567	1.800
RP10/A	1.069	1.219	1.249	1.268	1.289	1.304	1.316	1.330	1.386	1.430	1.557	1.833	1.993
RP25/A	1.093	1.267	1.294	1.299	1.302	1.318	1.333	1.357	1.512	1.572	1.675	1.953	1.942
RP50/A	1.118	1.288	1.317	1.325	1.328	1.344	1.359	1.383	1.588	1.648	1.746	1.974	1.942
RP100/A	1.143	1.334	1.372	1.421	1.423	1.428	1.433	1.438	1.610	1.670	1.817	1.974	1.942
RP1000/A	1.312	1.605	1.977	2.414	2.560	2.604	2.634	2.652	2.816	2.874	3.027	3.197	3.262
RP10000/A	1.742	2.544	3.201	4.378	5.835	7.457	7.684	8.012	9.341	10.877	12.266	14.013	14.013
PMP/A	7.363	10.141	11.407	12.907	15.711	18.356	19.534	19.834	19.880	22.011	24.010	30.296	30.900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB E60 5637 U	STATION NAME MILLBERRY	ELEV 245	SEC 175N	TWP 06S	RNG LOT 01E G	HWM H	LATITUDE 37-11.7	LONGITUDE 121-91.9	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	5.02	6.78	7.93	8.53	9.63	10.14	11.21	12.23	13.66	15.20	17.47	25.29	44.73
5	7.04	9.43	11.47	12.21	13.73	14.51	16.10	17.11	19.02	21.12	24.85	34.88	57.04
10	8.45	11.97	14.92	16.77	18.50	19.40	18.76	20.17	22.35	24.79	29.12	40.73	64.73
25	10.15	14.74	16.27	17.17	19.14	20.12	21.51	23.00	25.38	28.14	33.02	46.01	71.47
40	11.00	16.00	18.55	19.49	21.60	22.75	22.78	25.06	28.23	31.28	36.66	50.94	77.60
50	11.39	16.72	19.28	20.23	22.40	23.58	24.84	26.51	29.12	32.26	37.81	52.46	79.48
100	12.59	18.71	21.51	22.44	24.81	26.11	27.43	29.05	31.83	35.22	41.26	57.07	85.08
200	13.77	21.64	23.72	24.71	27.16	28.60	29.85	31.51	34.39	38.09	44.59	61.50	90.38
1000	16.45	25.21	28.75	29.76	32.55	34.23	35.30	37.01	40.15	44.45	51.49	71.30	101.88
10000	20.18	31.59	35.82	36.83	40.02	42.67	42.61	44.54	47.98	53.09	62.04	84.51	114.97
PMP	36.47	56.75	65.90	69.28	77.11	80.49	86.56	92.27	102.12	112.86	131.56	184.35	268.95
MEAN	5.490	7.617	8.845	9.433	10.563	11.164	12.106	13.047	14.527	16.168	19.081	26.679	44.975
CLOCK HR. CUM.	1.146	1.770	1.690	1.620	1.810	1.810	1.800	1.800	1.800	1.800	1.800	1.800	1.800
CALCULATED SKEW	1.027	1.194	1.230	1.035	1.228	1.480	1.530	1.382	1.262	1.140	1.021	0.359	0.581
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.400	1.300	1.100	1.000	0.900	0.800	0.800	0.800	0.800
SKEW USED	1.300	1.600	1.500	1.400	1.400	1.300	1.100	1.000	0.900	0.800	0.800	0.800	0.800
KURTOSIS	4.274	4.692	4.827	3.673	4.435	6.257	6.384	5.715	4.954	4.344	4.222	2.762	2.528
N	43	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1963	1963	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1963
RECORD MAXIMUM	10.250	17.230	20.820	20.940	25.300	26.910	31.550	32.120	34.450	36.440	40.000	45.000	73.710
NORMALIZED MAX	2.144	2.757	2.875	2.695	3.027	3.373	3.472	3.369	3.163	3.045	2.793	2.398	2.596
CALC. COEF. VAR	0.404	0.458	0.470	0.460	0.451	0.471	0.460	0.429	0.434	0.413	0.371	0.341	0.305
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	1.121	1.194	1.197	1.207	1.234	1.248	1.262	1.292	1.323	1.353	1.423	1.593	1.800
RP10/A	1.179	1.262	1.294	1.283	1.307	1.304	1.317	1.345	1.405	1.452	1.552	1.833	1.993
RP25/A	1.208	1.309	1.332	1.305	1.328	1.327	1.342	1.370	1.430	1.477	1.587	1.931	1.942
RP50/A	1.232	1.378	1.407	1.378	1.404	1.404	1.419	1.447	1.507	1.554	1.664	1.965	1.942
RP100/A	1.260	1.461	1.483	1.500	1.516	1.506	1.506	1.506	1.570	1.612	1.732	1.965	1.942
RP1000/A	1.388	1.505	1.633	1.661	1.723	1.762	1.780	1.820	1.920	1.983	2.155	2.592	2.652
RP10000/A	1.447	1.724	1.965	2.165	2.499	2.835	2.918	3.069	3.369	3.705	4.175	5.170	5.900
PMP/A	8.599	12.818	14.652	15.545	17.146	18.608	19.247	20.016	22.077	23.895	26.923	40.991	5.900

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR 660 9674 0	STATION NAME MILPITAS	ELEV 175	SEC 04	TWP 06S	RNG 01E	LOT H	MM M	LATITUDE 37.433	LONGITUDE 121.083	COUNTY CODE 43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.91	2.31	2.53	2.69	2.91	3.14	3.54	3.93	4.47	5.12	6.36	8.96	16.20
5	2.49	3.34	3.66	3.87	4.16	4.47	4.99	5.36	6.23	7.11	8.36	12.36	21.13
10	3.21	4.07	4.44	4.66	4.94	5.26	5.92	6.35	7.32	8.34	9.92	14.43	23.97
20	3.76	4.78	5.19	5.42	5.74	6.07	6.75	7.21	8.31	9.47	11.13	16.30	29.47
25	3.84	5.00	5.43	5.66	6.03	6.46	7.16	7.68	8.62	9.82	11.54	16.88	27.22
50	4.18	5.47	5.92	6.15	6.54	7.01	7.73	8.05	9.24	10.53	12.36	18.05	27.74
100	4.33	5.69	6.15	6.38	6.77	7.23	7.95	8.27	9.46	10.75	12.58	18.59	29.66
200	4.78	6.36	6.87	7.10	7.51	8.04	8.66	9.21	10.41	11.85	13.41	20.22	31.51
250	5.23	7.04	7.57	7.80	8.22	8.61	9.43	9.87	11.25	12.82	14.53	21.79	33.47
1000	6.25	8.57	9.18	9.49	9.94	10.54	11.15	11.65	13.15	14.96	17.53	25.26	37.73
10000	7.47	11.74	11.44	11.63	12.06	12.96	13.57	13.95	15.71	17.07	20.92	29.94	44.32
PHP	14.69	17.30	21.04	21.87	23.33	24.95	27.33	28.91	33.45	37.94	44.30	65.32	99.61
MEAN	2.986	2.591	2.824	2.977	3.196	3.439	3.922	4.103	4.754	5.437	6.433	9.453	16.657
CLOCK HR. COR.	1.149	1.770	1.949	1.963	1.911	1.910	1.900	1.900	1.900	1.900	1.900	1.900	1.900
CALCULATED SKEW	.454	.835	.779	.704	.634	.554	.707	.604	.646	.496	.574	.527	.220
REGIONAL SKEW	1.300	1.600	1.500	1.403	1.300	1.200	1.100	1.000	.900	.800	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.403	1.300	1.200	1.100	1.000	.900	.800	.900	.800	.500
KURTOSIS	3.073	3.107	3.732	3.177	2.870	3.042	3.342	2.741	2.425	2.492	2.622	3.155	2.658
N	13	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1952	1951	1951	1951	1951	1956	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	3.400	4.850	5.340	5.340	4.774	4.310	7.430	7.880	9.590	11.140	17.160	26.870	
NORMALIZED MAX	1.710	2.103	2.590	2.260	2.272	2.456	2.767	2.377	2.904	2.269	2.110	2.348	1.670
CALC. COEF. VAR	.343	.403	.364	.351	.455	.340	.349	.341	.337	.337	.337	.334	.328
REGION. COEF. VAR	.403	.430	.430	.423	.421	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.421	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1252	.1555	.1695	.1748	.1914	.2064	.2295	.2463	.2856	.3264	.3862	.5675	1.0000
NP10/A	.1928	.2444	.2667	.2798	.2997	.3217	.3556	.3794	.4394	.5008	.5894	.8663	1.4393
NP25/A	.2318	.3102	.3260	.3395	.3617	.3879	.4236	.4491	.5174	.5893	.6926	1.0131	1.6342
NP50/A	.2594	.3814	.3695	.3833	.4067	.4372	.4875	.5058	.5725	.6518	.7654	1.1160	1.7270
NP100/A	.2972	.3821	.4123	.4201	.4506	.4829	.5199	.5464	.6252	.7116	.8331	1.2139	1.8917
NP1000/A	.3752	.5147	.5510	.5640	.6211	.6330	.6642	.6992	.7895	.8979	1.0522	1.5165	2.2652
NP10000/A	.4402	.6450	.6866	.6980	.7264	.7780	.8114	.8377	.9434	1.0726	1.2557	1.7975	2.6007
PHP/A	.6821	1.1587	1.2630	1.3129	1.4005	1.4977	1.6498	1.7355	2.0079	2.2801	2.5629	3.9214	5.9800

PRECIPITATION DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR 660 5873 0	STATION NAME MONTEVINA ROAD MES SJMM	ELEV 046	SEC 24	TWP 06S	RNG 01W	LOT Q	MM M	LATITUDE 37°20'	LONGITUDE 121°09.3'	COUNTY CODE 43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.68	4.66	5.60	6.50	6.75	7.22	7.97	8.61	9.91	10.69	12.71	18.05	24.98
5	5.18	7.44	8.10	9.44	9.64	10.29	11.23	12.04	13.79	15.13	17.57	24.89	39.10
10	6.19	8.57	9.83	10.14	11.57	12.34	13.93	14.29	16.29	17.76	20.60	29.07	44.17
20	7.14	11.06	11.49	11.54	13.39	14.27	15.78	16.20	18.40	20.16	23.35	32.84	48.99
25	7.44	11.53	12.01	11.99	13.96	14.88	15.88	16.81	19.08	20.90	24.20	33.99	50.98
50	8.05	11.51	13.10	12.90	15.15	16.13	16.18	18.08	20.47	22.41	25.94	36.35	53.19
100	9.22	13.40	15.19	14.65	17.39	18.52	19.48	20.44	23.06	25.23	29.18	40.73	58.32
200	10.09	14.82	16.75	15.45	19.06	20.28	21.21	22.19	24.94	27.28	31.53	43.69	61.95
1000	12.05	18.06	21.31	19.91	22.82	24.22	25.08	26.06	29.12	31.64	36.77	50.69	69.83
10000	14.78	22.62	25.30	23.04	28.06	29.64	30.41	31.36	34.79	38.03	43.88	60.31	80.17
PHP	28.32	41.65	46.54	42.00	54.06	57.44	61.49	64.97	74.05	80.85	93.05	131.58	184.35
MEAN	4.020	5.456	6.247	7.024	7.406	7.917	8.600	9.222	10.534	11.574	13.496	19.042	30.828
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.156	1.426	1.440	1.618	2.056	2.345	2.494	2.367	1.754	1.567	1.308	.783	.577
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800	.600	.500
SKED USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800	.600	.500
KURTOSIS	4.773	5.392	5.659	6.182	9.822	12.125	13.514	13.008	8.542	7.263	6.127	3.758	3.075
N	59	59	59	59	59	58	58	58	58	58	58	58	58
RECORD YEAR	1956	1938	1956	1961	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	8.450	11.950	15.170	18.360	22.780	26.180	28.930	29.22	30.640	31.700	34.840	42.050	56.360
NORMALIZED MAX	2.750	2.717	3.100	3.408	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.300
CALC. COEF. VAR	.399	.438	.444	.463	.459	.477	.466	.432	.421	.418	.399	.363	.350
REGION. COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1304	.1770	.2026	.2279	.2402	.2568	.2790	.2991	.3417	.3754	.4378	.6177	1.0000
NP10/A	.2008	.2781	.3188	.3240	.3753	.4002	.4323	.4607	.5256	.5760	.6681	.9439	1.4393
NP25/A	.2412	.3419	.3856	.3888	.4527	.4832	.5152	.5454	.6190	.6778	.7850	1.1027	1.7632
NP50/A	.2705	.3895	.4417	.4325	.5093	.5424	.5746	.6056	.6849	.7497	.8676	1.2146	1.7672
NP100/A	.2991	.4348	.4929	.4753	.5642	.6007	.6320	.6635	.7479	.8185	.9466	1.3212	1.8917
NP1000/A	.3708	.5857	.6587	.6133	.7403	.7875	.8135	.8454	.9445	1.0328	1.1927	1.6506	2.2652
NP10000/A	.4793	.7939	.8267	.7473	.9102	.9670	.9863	1.0173	1.1287	1.2337	1.4334	1.8565	2.6007
PHP/A	.9184	1.3185	1.5097	1.3625	1.7537	1.8632	1.9946	2.1074	2.4022	2.6225	3.0184	4.2682	5.9800

PEARSON TYPE III DISTRIBUTION ESTIMATE

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB	STATION NAME	FLV	SFC	TAP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE			
E60 4844 0	MOHGAN HILL 2E	2P5		045	03E		M	47.133	121.617	43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	2.32	2.90	3.26	3.57	3.81	4.20	4.73	5.18	5.80	6.21	7.89	11.34	19.01
5	3.27	4.20	4.71	5.12	5.58	5.98	6.66	7.23	8.08	9.21	10.91	15.64	24.80
10	4.10	5.12	5.72	6.18	6.70	7.17	7.91	8.54	9.43	10.82	12.78	18.26	28.14
20	4.90	6.01	6.68	7.14	7.67	8.29	9.07	9.73	10.78	12.28	14.49	20.63	31.07
25	4.99	6.29	6.99	7.50	8.08	8.65	9.43	10.11	11.17	12.73	15.02	21.36	31.95
50	5.10	6.67	7.62	8.16	8.76	9.38	10.60	11.67	12.99	14.65	16.10	22.64	33.74
50	5.24	7.15	7.92	8.51	9.08	9.72	10.91	11.92	13.36	14.99	16.00	23.52	34.55
100	5.42	8.00	8.84	9.41	10.06	10.76	11.54	12.29	13.50	15.37	18.11	25.59	36.99
200	5.46	8.95	9.74	1.04	11.03	11.79	12.59	13.33	14.60	16.42	19.57	27.57	39.24
1000	7.60	11.78	11.81	12.46	13.20	14.11	14.98	15.66	17.05	19.39	27.92	31.97	44.29
10000	9.32	13.51	14.71	15.42	16.24	17.34	18.05	18.95	20.38	23.16	27.23	37.89	50.85
PMP	17.46	24.27	27.07	29.00	31.28	33.18	36.49	39.04	43.37	49.24	57.74	82.66	116.92

MEAN	2.535	3.258	3.633	3.949	4.285	4.601	5.184	5.542	6.169	7.049	8.374	11.963	19.552
CLOCK HR. COR.	1.140	1.170	1.050	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.882	2.117	1.939	1.593	1.284	1.360	1.293	1.214	1.106	.980	1.092	.893	.816
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800	.500	.500
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800	.500	.500

KURTOSIS	6.249	7.554	7.158	5.673	4.403	4.914	4.320	4.032	3.670	3.484	3.954	3.762	2.867
RECORD YEAR	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD MAXIMUM	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
NORMALIZED MAX	5.480	8.700	9.740	10.030	10.030	11.220	11.820	11.900	12.980	14.300	17.740	24.420	34.120
CALC. COEF. VAR	2.440	3.170	3.190	2.960	2.774	2.774	2.891	2.440	2.353	2.440	2.647	2.420	2.131
REGION. COEF. VAR	.467	.455	.557	.516	.519	.513	.469	.482	.443	.422	.396	.350	.350
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332

MEAN/A	1.297	1.666	1.858	2.020	2.192	2.353	2.611	2.835	3.155	3.605	4.283	6.118	10.000
RP10/A	1.197	1.618	1.923	2.162	2.324	2.507	2.816	3.066	3.483	3.951	4.637	6.930	11.433
RP25/A	1.299	1.716	1.973	2.212	2.374	2.557	2.866	3.116	3.533	4.001	4.687	6.980	11.433
RP50/A	1.299	1.716	1.973	2.212	2.374	2.557	2.866	3.116	3.533	4.001	4.687	6.980	11.433
RP100/A	1.299	1.716	1.973	2.212	2.374	2.557	2.866	3.116	3.533	4.001	4.687	6.980	11.433
RP1000/A	1.347	1.716	1.973	2.212	2.374	2.557	2.866	3.116	3.533	4.001	4.687	6.980	11.433
RP10000/A	1.767	2.409	2.725	2.985	3.245	3.505	3.865	4.225	4.685	5.145	5.605	6.065	6.525
PMP/A	9.136	1.243	1.393	1.483	1.500	1.702	1.865	1.997	2.211	2.518	2.953	4.278	5.980

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSD ORDER SUB	STATION NAME	FLV	SFC	TAP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE			
E60 5897 1	MOUNTAIN VIEW	613	75	21	06S	024	R	37.383	122.083	43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	1650
2	1.73	2.12	2.41	2.65	2.84	3.18	3.48	3.78	4.37	4.92	5.67	8.14	14.63
5	2.44	3.07	3.49	3.81	4.15	4.49	4.91	5.28	6.09	6.69	7.85	11.22	19.08
10	2.92	3.73	4.23	4.54	4.87	5.28	5.81	6.24	7.15	7.85	9.20	13.11	21.65
20	3.37	4.38	4.94	5.34	5.63	6.08	6.68	7.11	8.12	8.91	10.43	14.41	23.90
25	3.51	4.59	5.17	5.57	5.87	6.34	6.94	7.38	8.42	9.24	10.80	15.33	24.58
50	3.86	5.02	5.64	6.06	6.37	6.88	7.07	7.94	9.04	9.91	11.58	16.39	25.95
50	3.93	5.22	5.86	6.29	6.61	7.13	7.74	8.20	9.32	10.22	11.94	16.88	26.58
100	4.25	5.84	6.54	6.94	7.32	7.89	8.52	8.98	10.18	11.16	13.03	18.37	28.45
200	4.76	6.45	7.21	7.68	8.02	8.64	9.27	9.74	11.01	12.06	14.08	19.79	30.23
1000	5.68	7.47	8.74	9.25	9.60	10.35	10.96	11.44	12.85	14.08	16.42	22.94	34.07
10000	6.97	9.66	10.89	11.45	11.81	12.72	13.29	13.77	15.36	16.82	19.59	27.20	39.15
PMP	13.35	17.71	20.03	21.54	22.75	24.44	26.88	28.55	32.67	35.75	41.54	59.33	89.45

MEAN	1.196	2.377	2.689	2.932	3.110	3.375	3.759	4.049	4.650	5.118	6.025	8.586	15.042
CLOCK HR. COR.	1.140	1.170	1.050	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.344	1.148	1.223	1.480	1.524	1.876	1.953	1.890	1.213	1.235	1.138	.924	.924
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800	.500	.500
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.800	.500	.500

KURTOSIS	5.547	4.908	4.924	5.821	5.959	6.172	9.411	7.852	5.374	4.794	5.093	4.443	4.053
RECORD YEAR	1911	1911	1911	1893	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	4.600	5.434	6.080	7.080	7.010	10.000	11.950	12.560	12.970	15.320	20.620	31.400	44.99
NORMALIZED MAX	3.280	3.187	3.187	3.187	3.687	4.311	4.947	4.953	4.095	3.492	3.591	3.199	3.012
CALC. COEF. VAR	.434	.416	.409	.424	.417	.455	.434	.421	.415	.439	.439	.438	.361
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332

MEAN/A	1.260	1.580	1.788	1.949	2.071	2.244	2.490	2.691	3.092	3.403	4.005	5.708	10.000
RP10/A	1.140	1.463	1.613	1.763	1.883	2.044	2.216	2.397	2.798	3.009	3.511	4.814	8.149
RP25/A	1.260	1.580	1.788	1.949	2.071	2.244	2.490	2.691	3.092	3.403	4.005	5.708	10.000
RP50/A	1.260	1.580	1.788	1.949	2.071	2.244	2.490	2.691	3.092	3.403	4.005	5.708	10.000
RP100/A	1.260	1.580	1.788	1.949	2.071	2.244	2.490	2.691	3.092	3.403	4.005	5.708	10.000
RP1000/A	1.260	1.580	1.788	1.949	2.071	2.244	2.490	2.691	3.092	3.403	4.005	5.708	10.000
RP10000/A	1.260	1.580	1.788	1.949	2.071	2.244	2.490	2.691	3.092	3.403	4.005	5.708	10.000
PMP/A	1.171	1.331	1.331	1.331	1.331	1.331	1.331	1.331	1.331	1.331	1.331	1.331	1.331

PEAKSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR E60 7821 0	STATION NAME SAN JOSE	ELEV 76	SEC 075	TWP 01E	RNG LOT M	LATITUDE 37.350	LONGITUDE 121.900	COUNTY CODE 43					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.53	1.88	2.08	2.30	2.44	2.68	2.99	3.22	3.80	4.25	4.96	7.38	13.45
5	2.16	2.72	3.01	3.30	3.56	3.82	4.20	4.51	5.29	5.90	6.86	10.17	17.54
10	2.58	3.31	3.66	3.98	4.27	4.57	4.94	5.32	6.21	6.93	8.05	11.88	19.90
20	2.97	3.88	4.27	4.63	4.94	5.29	5.71	6.06	7.06	7.87	9.12	13.42	21.97
40	3.10	4.06	4.47	4.84	5.15	5.52	5.94	6.29	7.32	8.16	9.45	13.89	22.60
60	3.35	4.44	4.87	5.25	5.59	5.98	6.05	6.77	7.85	8.75	10.13	14.86	23.66
80	3.47	4.62	5.06	5.46	5.79	6.20	6.62	6.99	8.14	9.02	10.45	15.30	24.44
100	3.84	5.17	5.65	6.07	6.42	6.87	7.28	7.66	8.74	9.85	11.40	16.65	26.16
200	4.70	6.32	6.83	7.23	7.63	7.92	7.93	8.31	9.56	10.86	12.32	17.94	27.79
1000	5.02	8.97	7.55	8.03	8.42	9.00	9.38	9.76	11.16	12.43	14.36	20.40	31.32
10000	6.16	8.73	9.41	9.94	10.35	11.06	11.37	11.74	13.34	14.84	17.14	24.65	35.96
PMF	11.80	15.69	17.31	18.69	19.94	21.29	22.99	24.32	28.39	31.55	36.35	53.78	82.69
MEAN	1.675	2.106	2.324	2.545	2.732	2.935	3.216	3.453	4.039	4.517	5.271	7.782	13.828
CLOCK HR. COV.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.450	1.472	1.480	1.487	1.491	1.494	1.497	1.498	1.499	1.500	1.500	1.500	1.500
REGIONAL SKEW	1.300	1.600	1.500	1.430	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.360	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	7.533	7.263	7.592	7.742	5.403	5.105	3.652	3.340	2.971	4.852	4.388	5.852	2.438
N	77	77	77	77	77	77	77	76	77	77	77	77	77
RECORD YEAR	1919	1919	1919	1911	1911	1911	1911	1911	1911	1911	1911	1911	1973
RECORD MAXIMUM	3.320	5.750	6.220	6.757	7.030	7.490	7.870	7.472	8.610	11.690	12.910	20.640	33.350
NORMALIZED MAX	3.442	3.677	3.778	4.104	3.850	3.735	3.426	3.101	3.047	3.953	3.711	4.201	2.185
CALC. COEF. VAR	.459	.471	.444	.423	.409	.409	.386	.375	.388	.402	.391	.393	.315
REGION. COEF. VAR	.403	.433	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.121	1.152	1.160	1.181	1.175	1.213	1.235	1.247	1.291	1.327	1.381	1.568	1.0000
RP10/A	1.165	1.193	1.204	1.224	1.218	1.256	1.278	1.286	1.330	1.366	1.420	1.607	1.0396
RP25/A	1.224	1.263	1.273	1.293	1.287	1.324	1.346	1.354	1.398	1.434	1.488	1.675	1.0590
RP50/A	1.251	1.334	1.363	1.394	1.397	1.438	1.443	1.470	1.505	1.554	1.623	1.755	1.1067
RP100/A	1.278	1.374	1.407	1.438	1.439	1.485	1.526	1.558	1.633	1.712	1.824	1.2038	1.0917
RP1000/A	1.300	1.539	1.542	1.588	1.588	1.609	1.609	1.609	1.803	1.836	1.836	1.5039	2.2852
RP10000/A	1.452	1.635	1.605	1.717	1.784	1.800	1.822	1.841	1.964	1.0734	1.2395	1.7626	2.6007
PMF/A	1.8532	1.1344	1.2519	1.3519	1.4420	1.5349	1.6627	1.7590	2.0533	2.2819	2.6284	3.8888	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR E60 7824 1	STATION NAME SAN JOSE OCEIO FRUIT STA	ELEV 90	SEC 15	TWP 07S	RNG LOT 01W J M	LATITUDE 37.317	LONGITUDE 121.950	COUNTY CODE 43					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.71	2.02	2.21	2.36	2.59	2.81	3.25	3.51	4.12	4.62	5.51	8.22	14.03
5	2.41	2.93	3.19	3.39	3.70	4.01	4.59	4.91	5.73	6.42	7.63	11.33	18.30
10	2.88	3.57	3.87	4.09	4.44	4.81	5.44	5.79	6.73	7.54	8.94	13.23	20.77
20	3.32	4.19	4.53	4.75	5.13	5.56	6.24	6.60	7.65	8.55	10.13	14.95	22.93
40	3.46	4.34	4.73	4.96	5.35	5.80	6.49	6.86	7.93	8.87	10.50	15.48	23.58
60	3.75	4.80	5.16	5.40	5.81	6.29	6.61	7.37	8.50	9.51	11.25	16.55	24.90
80	3.88	4.99	5.37	5.60	6.02	6.51	7.23	7.61	8.77	9.81	11.60	17.05	25.50
100	4.29	5.58	5.99	6.23	6.67	7.22	7.94	8.34	9.58	10.71	12.66	18.54	27.30
200	4.78	6.17	6.60	6.84	7.30	7.90	8.66	9.05	10.36	11.58	13.68	19.98	29.00
1000	5.61	7.52	8.00	8.24	8.75	9.46	10.24	10.63	12.05	13.51	15.45	23.17	32.69
10000	6.88	9.42	9.97	10.20	10.76	11.63	12.42	12.79	14.45	16.14	19.04	27.46	37.53
PMF	13.19	16.93	18.34	19.19	20.73	22.38	25.11	26.49	30.76	34.31	40.37	59.90	86.29
MEAN	1.672	2.272	2.462	2.612	2.839	3.085	3.512	3.760	4.376	4.912	5.855	8.669	14.430
CLOCK HR. COV.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.404	1.562	1.585	1.724	1.914	1.995	1.667	1.401	1.000	0.899	0.990	0.745	0.745
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.206	2.965	2.793	3.392	4.352	6.555	7.688	6.197	4.227	3.660	3.586	2.639	3.126
N	31	31	31	31	31	31	31	31	31	31	31	31	31
RECORD YEAR	1937	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1941
RECORD MAXIMUM	2.850	3.990	4.390	5.200	6.060	7.340	8.550	8.64	9.040	9.500	11.470	15.030	26.490
NORMALIZED MAX	1.547	2.153	2.123	2.634	2.967	3.431	3.658	3.433	2.838	2.512	2.607	2.077	2.513
CALC. COEF. VAR	.338	.368	.369	.376	.392	.402	.392	.378	.376	.372	.367	.353	.333
REGION. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.1297	1.1575	1.1766	1.1810	1.1968	1.2138	1.2434	1.2606	1.3033	1.3404	1.4058	1.6008	1.0000
RP10/A	1.1997	1.2475	1.2684	1.2844	1.3074	1.3331	1.3772	1.4013	1.4665	1.5222	1.6193	1.9171	1.4393
RP25/A	1.2399	1.3039	1.3280	1.3440	1.3710	1.4017	1.4495	1.4751	1.5493	1.6145	1.7277	1.0725	1.6342
RP50/A	1.2691	1.3457	1.3719	1.3882	1.4171	1.4515	1.5013	1.5275	1.6078	1.6787	1.8042	1.1814	1.7672
RP100/A	1.2976	1.3869	1.4149	1.4315	1.4621	1.5000	1.5514	1.5780	1.6638	1.7420	1.8774	1.2894	1.6917
RP1000/A	1.3988	1.5211	1.5545	1.5712	1.6063	1.6555	1.7097	1.7364	1.8382	1.9363	1.1056	1.6054	2.2652
RP10000/A	1.4768	1.6530	1.6909	1.7068	1.7454	1.8057	1.8605	1.8861	1.0017	1.1185	1.1394	1.9029	2.6007
PMF/A	1.9139	1.1731	1.2710	1.3297	1.4363	1.5510	1.7402	1.8357	2.1319	2.3776	2.7980	4.1512	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB E60 7912 U	STATION NAME SANTA CLARA UNIVERSITY	ELEV	SEC	TWP	RNG LOT	RWM	LATITUDE	LONGITUDE	COUNTY	CODE		
		85	02	07S	11W	P	M	37°34N	121°44W	43		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650
2	1.65	2.00	2.23	2.44	2.65	2.84	3.19	3.45	4.06	4.49	5.28	7.79
5	2.33	2.90	3.23	3.50	3.79	4.05	4.49	4.82	5.66	6.23	7.30	10.75
10	2.78	3.54	3.92	4.22	4.55	4.85	5.33	5.69	6.64	7.32	8.56	12.55
20	3.20	4.15	4.58	4.91	5.26	5.62	6.11	6.49	7.55	8.31	9.71	14.18
25	3.34	4.34	4.79	5.12	5.49	5.85	6.35	6.73	7.83	8.61	10.06	14.68
40	3.61	4.75	5.22	5.57	5.95	6.33	6.87	7.24	8.39	9.24	10.78	15.70
50	3.74	4.94	5.43	5.78	6.17	6.58	7.09	7.48	8.66	9.53	11.12	16.17
100	4.14	5.53	6.06	6.43	6.84	7.29	7.79	8.19	9.46	10.40	12.13	17.59
200	4.51	6.13	6.67	7.08	7.49	7.94	8.48	8.99	10.23	11.15	13.11	18.95
1000	5.41	7.45	8.10	8.51	8.97	9.55	10.03	10.44	11.99	13.12	15.26	21.97
10000	6.63	9.33	10.09	10.53	11.03	11.74	12.16	12.56	14.27	15.45	18.24	26.04
PMP	12.71	16.76	18.55	19.80	21.24	22.60	24.60	26.02	30.37	33.32	38.68	56.82
MEAN	1.804	2.250	2.491	2.696	2.910	3.115	3.440	3.694	4.320	4.771	5.609	8.222
CLOCK HR. CDR.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600
REGULATED SKEW	1.730	1.497	1.460	1.417	1.455	1.370	1.155	1.155	1.155	1.155	1.155	1.155
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000
KURTOSIS	6.425	8.456	8.502	7.381	6.467	5.734	5.808	4.727	3.411	4.965	4.939	4.660
N	77	77	77	77	76	77	77	77	77	77	77	78
RECORD YEAR	1919	1919	1911	1911	1911	1911	1956	1956	1911	1911	1911	1915
RECORD MAXIMUM	4.110	6.440	6.820	7.171	7.455	7.739	8.491	8.155	8.311	11.102	13.407	19.100
NORMALIZED MAX	3.088	3.881	3.914	4.029	3.437	3.578	3.784	3.488	2.660	3.832	3.705	3.729
CALC. COEF. VAR	.461	.442	.405	.389	.387	.391	.383	.369	.368	.379	.377	.381
REGN. COEF. VAR	.463	.430	.430	.423	.421	.417	.410	.403	.402	.399	.393	.394
USED COEF. VAR	.403	.430	.430	.423	.421	.417	.410	.403	.402	.399	.393	.394
MEAN/A	.1237	.1544	.1709	.1850	.1987	.2137	.2360	.2534	.2964	.3273	.3848	.5641
RP10/A	.1915	.2426	.2658	.2819	.3179	.3458	.3853	.4103	.4952	.5574	.6512	1.4393
RP25/A	.2289	.2980	.3206	.3515	.3765	.4016	.4359	.4620	.5369	.5910	.6901	1.6342
RP50/A	.2567	.3369	.3724	.3967	.4233	.4514	.4862	.5130	.5940	.6536	.7627	1.1093
RP100/A	.2839	.3793	.4156	.4410	.4690	.4999	.5347	.5621	.6487	.7136	.8321	1.2067
RP1000/A	.3765	.5105	.5554	.6037	.6183	.6554	.6883	.7162	.8192	.9064	1.0485	1.5075
RP10000/A	.4559	.6402	.6920	.7223	.7565	.8055	.8344	.8618	.9790	1.0756	1.2513	1.7869
PMP/A	.8718	1.1502	1.2731	1.3547	1.4576	1.5505	1.6877	1.7653	2.0436	2.2864	2.6535	3.8981

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB E60 1998 -2	STATION NAME	ELEV	SEC	TWP	RNG LOT	RWM	LATITUDE	LONGITUDE	COUNTY	CODE		
	SARATOGA GAP	262	2600			M	37°26N	122°12E	43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650
2	5.51	7.32	8.66	9.31	10.27	11.03	12.30	13.44	15.38	16.84	20.13	30.08
5	7.77	10.61	12.53	13.37	14.66	15.71	17.34	18.84	21.41	23.39	27.83	41.48
10	9.28	12.92	15.20	16.12	17.60	18.44	20.58	22.23	25.16	27.46	32.62	48.43
20	10.70	15.16	17.76	18.74	20.37	21.79	23.50	25.35	28.57	31.17	36.99	54.72
25	11.15	15.47	18.57	19.55	21.23	22.71	24.53	26.31	29.62	32.31	38.33	56.64
40	12.07	17.35	20.26	21.27	23.63	24.63	24.94	28.29	31.78	34.65	41.08	60.57
50	12.50	18.05	21.05	22.08	23.87	25.53	27.35	29.22	32.78	35.74	42.36	62.39
100	13.82	20.26	23.49	24.54	26.45	28.27	30.08	32.01	35.80	38.61	46.62	67.87
200	15.12	22.33	25.76	26.96	28.98	30.96	32.75	34.72	38.71	42.18	49.94	73.13
1000	18.16	27.22	31.40	32.48	34.70	37.06	38.72	40.78	45.20	49.23	58.23	84.78
10000	22.15	34.10	39.12	40.20	42.67	45.55	46.95	49.08	54.02	58.81	69.50	100.50
PMP	42.45	61.27	71.96	75.61	82.21	87.69	94.95	101.67	114.97	125.01	147.37	215.24
MEAN	6.626	8.224	9.659	10.295	11.262	12.087	13.279	14.431	16.354	17.897	21.374	31.727
CLOCK MR. CUR.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600
CALCULATED SKEW	1.000	1.138	1.159	1.085	1.059	1.094	2.122	1.992	1.542	1.384	.993	.716
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000
KURTOSIS	6.010	3.497	3.672	3.832	4.021	4.598	10.324	9.532	7.035	5.980	4.707	3.121
N	30	30	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1941
RECORD MAXIMUM	11.180	15.690	19.450	22.670	30.130	34.640	38.280	39.190	40.700	42.350	46.220	64.740
NORMALIZED MAX	2.152	1.060	2.240	2.633	3.418	3.667	3.928	3.838	3.512	3.301	3.086	2.484
CALC. COEF. VAR	.398	.463	.452	.457	.490	.509	.479	.447	.424	.414	.377	.319
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394
MEAN/A	.1112	.1518	.1793	.1900	.2078	.2231	.2451	.2663	.3018	.3303	.3945	.5855
RP10/A	.1712	.2385	.2805	.2974	.3247	.3476	.3798	.4102	.4643	.5067	.6020	.8938
RP25/A	.2057	.2929	.3428	.3610	.3919	.4192	.4526	.4856	.5467	.5963	.7074	1.0454
RP50/A	.2307	.3332	.3885	.4074	.4406	.4711	.5048	.5392	.6049	.6595	.7817	1.1514
RP100/A	.2551	.3729	.4335	.4529	.4881	.5217	.5552	.5908	.6606	.7200	.8529	1.2525
RP1000/A	.3333	.5023	.5794	.5995	.6404	.6840	.7147	.7527	.8342	.9086	1.0747	1.5647
RP10000/A	.4088	.6294	.7219	.7418	.7874	.8407	.8865	.9057	.9969	1.0853	1.2826	1.8547
PMP/A	.7834	1.1307	1.3281	1.3955	1.5172	1.6183	1.7523	1.8763	2.1218	2.3071	2.7198	4.0461

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 5 STANDARD DEVIATIONS
 WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 7998 43	STATION NAME SAHATOGA	ELEV 420	SEC 01	TWP 2RS	RNG LOT D2W	BLK M	LATITUDE 37.272	LONGITUDE 122.028	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION O-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	7.62	4.96	5.62	4.13	4.63	7.01	7.64	8.17	9.72	10.54	12.07	17.05	29.41
5	5.11	7.18	8.13	6.80	4.47	9.99	10.76	11.41	13.53	14.54	16.69	23.52	37.05
10	6.10	8.74	9.86	10.61	11.36	11.98	12.77	13.47	15.90	17.19	19.56	27.46	42.05
20	7.03	11.26	11.53	10.34	13.15	13.86	14.64	15.36	14.06	19.51	22.18	31.02	46.42
25	7.33	10.74	12.05	12.88	13.71	14.45	15.22	15.94	18.73	20.22	22.46	32.12	47.74
40	7.93	11.74	13.15	14.01	14.87	15.67	15.51	17.14	20.09	21.69	24.63	34.34	50.41
50	8.22	12.21	13.66	14.54	15.42	16.24	16.98	17.70	22.72	22.37	25.40	35.37	51.63
100	9.09	13.67	15.25	16.16	17.04	17.94	18.67	19.37	22.63	24.42	27.71	38.40	55.26
200	9.64	15.11	16.61	17.76	18.71	19.60	20.33	21.04	24.47	26.40	29.92	41.47	58.71
1000	11.87	18.41	20.38	21.39	22.41	23.54	24.04	24.71	28.57	30.82	34.42	46.07	66.18
10000	14.56	23.07	25.39	26.47	27.45	28.98	29.15	29.73	34.15	36.81	41.67	56.98	75.98
PMP	27.40	41.45	46.71	49.80	53.09	55.74	58.94	61.59	72.67	78.25	88.37	124.30	174.70
MEAN	3.961	5.564	6.269	6.760	7.273	7.689	8.243	8.743	10.338	11.203	12.818	17.989	29.214
CLOCK HR. COR.	1.140	1.677	1.040	1.020	1.030	1.110	1.090	1.06	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.132	1.277	1.370	1.492	1.671	1.731	1.821	1.867	1.555	1.448	1.574	1.531	1.666
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.404	4.377	4.822	3.602	3.092	2.633	2.361	2.413	3.109	2.900	3.024	2.645	3.976
N	36	36	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1938	1938	1938	1941
RECORD MAXIMUM	7.130	11.400	13.380	13.670	13.830	13.990	14.410	15.360	20.490	21.930	24.250	32.270	55.400
NORMALIZED MAX	1.958	2.466	2.069	2.477	2.296	2.080	1.938	2.099	2.704	2.547	2.452	2.057	2.676
CALC. COEF. VAR	.396	.425	.425	.407	.393	.393	.386	.362	.370	.376	.364	.386	.336
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.356	1.905	2.146	2.321	2.489	2.632	2.822	2.993	3.538	3.835	4.387	6.158	1.0000
RP10/A	2.087	2.293	2.374	2.374	2.389	2.431	2.473	2.469	3.543	3.583	4.695	8.400	1.4393
RP25/A	2.507	3.676	4.126	4.409	4.694	4.946	5.211	5.568	6.411	6.923	7.867	1.0993	1.6342
RP50/A	2.813	4.181	4.677	4.976	5.278	5.558	5.812	6.059	7.092	7.657	8.694	1.2100	1.7672
RP100/A	3.110	4.479	5.219	5.532	5.847	6.156	6.392	6.634	7.745	8.359	9.485	1.3171	1.8917
RP1000/A	4.403	6.933	8.975	10.322	10.771	10.771	10.771	10.771	10.771	10.771	10.771	1.952	2.6552
RP10000/A	4.953	7.898	8.691	9.061	9.432	9.919	9.976	1.0177	1.1688	1.2600	1.4264	1.9504	2.6007
PMP/A	9.951	14.189	15.998	17.045	18.173	19.044	20.174	21.004	24.876	26.785	30.247	42.549	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E60 8068 0	STATION NAME SEANSVILLE LAKE	ELEV 350	SEC 12	TWP 0N5	RNG LOT 03W	BLK M	LATITUDE 37.400	LONGITUDE 122.233	COUNTY CODE 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION O-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.54	3.37	3.89	4.32	4.83	5.24	5.95	6.59	7.76	8.43	9.67	14.74	25.34
5	1.59	4.89	5.63	6.19	6.90	7.47	8.38	9.21	10.80	11.70	13.37	20.32	33.05
10	4.28	5.95	6.83	7.47	8.28	8.95	7.95	10.86	12.69	13.74	15.66	23.73	37.50
20	4.94	6.98	7.99	8.68	9.56	10.35	11.40	12.39	14.41	15.60	17.78	26.81	41.40
25	5.14	7.31	8.34	9.07	9.99	10.79	11.86	12.86	14.94	16.17	18.40	27.75	42.58
40	5.57	7.99	9.10	9.86	10.84	11.70	12.08	13.83	16.03	17.34	19.73	29.68	44.96
50	5.77	8.31	9.46	10.23	11.24	12.13	13.22	14.28	16.53	17.88	20.34	30.57	46.05
100	6.34	9.30	10.55	11.37	12.45	13.43	14.54	15.65	18.06	19.53	22.19	33.25	49.29
200	6.98	10.28	11.63	12.50	13.64	14.71	15.83	16.97	19.53	21.11	23.96	35.84	52.36
1000	6.33	12.53	14.11	15.05	16.33	17.61	18.72	19.93	22.80	24.64	27.96	41.54	59.02
10000	10.22	15.76	17.57	18.63	20.08	21.65	22.70	23.99	27.25	29.43	33.37	49.24	67.76
PMP	19.59	28.20	32.33	35.05	38.69	41.47	45.90	49.69	57.99	62.56	70.77	107.42	155.81
MEAN	2.741	3.766	4.339	4.771	5.300	5.744	6.419	7.054	8.249	8.957	10.263	15.546	26.056
CLOCK HR. COR.	1.140	1.700	1.040	1.020	1.030	1.110	1.090	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.053	1.796	1.136	1.128	1.34	1.919	1.734	1.540	1.325	1.503	1.549	1.43	1.503
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	9.274	6.769	4.139	5.526	4.529	4.285	3.143	4.058	2.951	2.935	2.566	1.909	2.194
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1965	1965	1965	1965	1967
RECORD MAXIMUM	5.300	8.310	8.620	10.130	10.440	10.710	10.810	13.59	14.570	15.590	17.820	26.190	42.710
NORMALIZED MAX	2.849	2.863	2.487	3.000	2.841	2.741	2.091	2.660	2.330	2.165	2.140	1.854	1.874
CALC. COEF. VAR	.318	.417	.397	.374	.341	.315	.327	.346	.329	.342	.344	.365	.341
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.067	1.453	1.685	1.831	2.034	2.204	2.466	2.707	3.166	3.437	3.939	5.967	1.0000
RP10/A	1.643	2.283	2.640	2.867	3.178	3.435	3.818	4.169	4.970	5.274	6.012	9.108	1.4393
RP25/A	1.974	2.804	3.202	3.479	3.835	4.142	4.550	4.936	5.735	6.026	7.064	1.0552	1.6342
RP50/A	2.214	3.190	3.630	3.927	4.312	4.656	5.075	5.486	6.345	6.684	7.806	1.1733	1.7672
RP100/A	2.448	3.570	4.050	4.365	4.778	5.156	5.581	6.005	6.920	7.404	8.517	1.2763	1.8917
RP1000/A	3.199	4.809	5.413	5.778	6.268	6.760	7.184	7.650	8.751	9.456	1.0732	1.5944	2.2652
RP10000/A	3.393	6.625	6.545	7.150	7.707	8.308	8.711	9.206	1.0457	1.1295	1.2808	1.8899	2.6007
PMP/A	7.519	1.0825	1.2408	1.3450	1.4650	1.5993	1.7615	1.9072	2.2257	2.4011	2.7159	4.1229	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB E60 1107 0	STATION NAME SEVEN MILE RESERVOIR SUMM	ELEV 322	SEC 10	TWP 04S	RNG LOT 114 0	WM M	LATITUDE 37.253	LONGITUDE 121.953	COUNTY 43				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.24	3.47	4.25	4.44	4.77	5.22	5.56	6.40	7.00	8.03	11.40	19.02	
5	3.78	5.05	5.67	6.35	6.80	7.35	7.77	8.91	9.72	11.10	15.72	24.81	
10	4.51	6.15	6.79	7.62	8.16	8.73	9.17	10.47	11.41	13.01	18.36	28.15	
20	5.20	7.22	7.94	7.56	9.43	10.01	10.46	11.90	12.95	14.75	20.74	31.96	
25	5.41	7.58	8.30	7.84	9.19	9.83	10.40	10.85	12.33	13.43	15.28	21.47	31.96
40	5.86	8.26	9.05	8.44	9.97	10.66	10.60	11.67	13.23	14.40	18.38	22.96	33.75
50	6.07	8.59	9.41	8.73	10.33	11.05	11.00	12.05	13.65	14.85	19.49	23.65	
100	6.72	9.62	10.30	9.59	11.45	12.24	12.76	13.20	14.90	16.21	19.43	25.72	37.30
200	7.35	10.43	11.37	10.44	12.54	13.41	13.89	14.32	16.12	17.53	19.91	27.72	39.31
1000	8.77	12.96	14.03	12.37	12.02	14.05	14.43	16.82	18.82	20.46	23.22	32.13	44.31
10000	10.76	16.23	17.48	15.08	19.47	19.72	19.92	20.24	22.49	24.44	27.71	38.09	50.87
PMP	20.02	29.16	32.15	27.49	30.58	37.97	40.28	41.94	47.87	51.94	58.76	83.09	116.96
MEAN	2.927	3.915	4.315	4.597	4.875	5.234	5.633	5.953	6.909	7.437	8.522	12.025	19.559
CLOCK HR. COR.	1.140	1.170	1.040	1.020	1.110	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.520	1.526	1.464	1.210	1.186	1.349	1.457	1.320	1.040	1.000	1.025	1.086	1.786
REGIONAL SKEW	1.310	1.600	1.510	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.310	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	4.007	6.554	6.371	4.994	4.419	5.548	5.954	5.126	4.021	3.593	3.224	2.484	3.194
N	59	59	59	59	59	59	59	59	59	59	59	59	59
RECORD YEAR	1963	1963	1963	1963	1963	1966	1966	1966	1966	1966	1966	1966	1967
RECORD MAXIMUM	6.000	10.500	11.620	11.630	11.530	13.470	15.710	16.78	18.330	16.750	18.590	22.840	37.390
NORMALIZED MAX	2.654	3.657	3.777	3.500	3.139	3.743	3.917	3.707	3.236	2.997	2.987	2.315	2.484
CALC. COEF. VAR	.395	.460	.448	.437	.456	.458	.457	.445	.432	.418	.395	.389	.371
REGN. COEF. VAR	.413	.430	.430	.332	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.332	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.497	2.001	2.206	2.350	2.492	2.676	2.880	3.044	3.381	3.802	4.357	6.148	1.4000
RP10/A	2.374	3.193	3.471	3.593	3.742	3.945	4.163	4.384	4.535	4.650	4.835	5.085	1.0000
RP25/A	2.768	3.883	4.242	4.401	4.594	5.029	5.319	5.549	6.006	6.864	7.814	1.0776	1.6342
RP50/A	3.105	4.394	4.839	4.461	4.263	5.651	5.932	6.161	6.978	7.592	8.635	1.2090	1.7672
RP100/A	3.34	4.917	5.366	4.903	4.953	6.259	6.525	6.751	7.620	8.288	9.421	1.3151	1.9171
RP1000/A	4.686	6.624	7.171	6.126	6.379	8.205	8.998	9.563	11.873	14.659	16.629	2.2652	5.2850
RP10000/A	5.502	6.300	6.735	7.708	9.442	1.0005	1.0183	1.0350	1.1499	1.2493	1.4157	1.9474	2.9007
PMP/A	1.0544	1.4911	1.6437	1.4054	1.2193	1.9413	2.0592	2.1441	2.4475	2.6558	3.0043	4.2483	5.2850

PRECIPITATION DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB E60 8495 1	STATION NAME STANFORD UNIVERSITY	ELEV 50	SEC 06S	TWP 03W	RNG LOT M	LATITUDE 37.431	LONGITUDE 122.172	COUNTY 43					
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.72	2.22	2.54	2.78	3.09	3.22	3.61	3.93	4.74	5.25	5.23	8.72	15.39
5	2.42	3.21	3.68	3.99	4.41	4.58	5.09	5.49	6.60	7.29	7.23	12.02	20.07
10	2.89	3.91	4.46	4.81	5.30	5.49	6.04	6.48	7.75	8.55	8.48	14.04	23.96
20	3.13	4.59	5.21	5.60	6.13	6.35	6.92	7.38	8.80	9.71	9.61	15.86	25.15
25	3.47	4.81	5.45	5.84	6.39	6.62	7.20	7.67	9.13	10.07	9.96	16.42	26.86
40	3.76	5.25	5.94	6.36	6.93	7.18	7.33	8.25	9.79	10.79	10.68	17.55	27.30
50	3.89	5.47	6.18	6.60	7.19	7.44	8.03	8.52	10.10	11.13	11.01	18.08	27.96
100	4.31	6.12	6.89	7.33	7.96	8.24	8.83	9.34	11.03	12.15	12.01	19.67	29.93
200	4.71	6.76	7.60	8.06	8.72	9.03	9.61	10.13	11.93	13.14	12.98	21.19	31.80
1000	5.63	8.24	9.21	9.70	10.44	10.41	11.37	11.89	13.93	15.34	15.13	24.57	35.85
10000	6.90	10.32	11.48	12.01	12.77	12.74	13.68	14.21	16.64	18.32	18.06	29.12	41.78
PMP	13.22	16.55	21.11	22.59	24.74	25.57	27.87	29.65	35.43	38.94	38.30	63.54	94.63
MEAN	1.877	2.490	2.834	3.076	3.396	3.525	3.898	4.209	5.039	5.575	5.555	9.195	15.824
CLOCK HR. COR.	1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.561	1.276	1.209	1.079	1.345	1.435	1.480	1.496	1.902	1.977	1.926	1.019	1.793
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	1.000	1.000	1.000	1.000	1.500
KURTOSIS	7.814	5.066	2.940	4.122	5.595	5.666	6.327	8.385	4.107	3.962	4.180	3.665	3.049
N	25	25	25	25	25	25	25	25	25	25	25	36	36
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1958
RECORD MAXIMUM	3.750	4.860	4.980	5.240	7.290	7.710	8.790	10.140	10.200	11.140	13.760	19.620	29.170
NORMALIZED MAX	2.663	2.584	2.049	2.606	3.014	3.032	3.224	3.516	2.790	2.640	2.995	2.785	2.890
CALC. COEF. VAR	.375	.368	.370	.357	.382	.392	.389	.401	.368	.378	.493	.407	.358
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.186	1.573	1.791	1.944	2.142	2.228	2.463	2.667	3.184	3.523	3.510	5.811	1.0000
RP10/A	1.876	2.472	2.817	3.042	3.347	3.471	3.817	4.096	4.898	5.405	5.358	8.870	1.4393
RP25/A	2.194	3.037	3.443	3.693	4.039	4.186	4.549	4.849	5.768	6.361	6.295	1.0374	1.6362
AP50/A	2.461	3.454	3.903	4.168	4.541	4.704	5.073	5.384	6.382	7.035	6.957	1.1426	1.8717
RP100/A	2.721	3.865	4.355	4.633	5.031	5.210	5.580	5.970	6.970	7.681	7.590	1.2429	1.8917
RP1000/A	3.555	5.207	5.821	6.132	6.600	6.831	7.183	7.517	8.882	9.682	9.564	1.5527	2.7652
RP10000/A	4.360	6.524	7.253	7.589	8.115	8.395	8.709	9.045	10.519	11.577	11.414	1.8405	2.6007
PMP/A	6.356	11.721	13.341	14.275	15.637	16.161	17.611	18.738	22.387	24.610	24.205	4.0151	5.9850

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUD E60 8519 0	STATION NAME STEVENS CREEK HSEHVOIR	ELEV 600	SEC 24	TWP 07S	RNG LOT 02W 4	MM M	LATITUDE 37.310	LONGITUDE 122.003	COUNTY CODE 43	MAXIMUM PRECIPITATION FOR INDICATED DURATION - DAYS HOURS									
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650					
2	3.38	4.32	4.46	5.39	5.74	6.24	6.75	7.39	8.43	9.30	10.88	15.84	26.35						
5	4.77	6.26	7.17	7.73	8.27	8.89	9.51	10.34	11.73	12.92	15.04	21.64	36.37						
10	5.64	7.62	8.77	9.32	9.93	10.66	11.29	12.20	13.74	15.17	17.63	25.51	39.00						
20	6.57	8.95	10.17	10.84	11.44	12.33	12.95	13.91	15.66	17.22	19.49	28.62	43.06						
25	6.84	9.36	10.63	11.31	11.98	12.84	13.46	14.44	16.23	17.85	20.71	29.83	44.28						
40	7.41	10.24	11.60	12.30	12.99	13.94	14.71	15.52	17.41	19.14	22.20	31.90	46.75						
50	7.67	10.65	12.05	12.77	13.47	14.45	15.01	16.03	17.95	19.74	22.89	32.86	47.88						
100	8.48	11.92	13.45	14.19	14.92	16.06	16.51	17.56	20.62	21.55	24.97	35.74	51.26						
200	9.28	13.16	14.82	15.60	16.34	17.52	17.97	21.21	23.11	26.49	38.52	54.45							
1000	11.08	16.06	17.97	18.79	19.57	20.98	21.25	22.38	24.77	27.20	31.47	44.65	61.38						
10000	13.54	21.12	22.39	23.25	24.07	25.78	25.77	26.43	29.61	32.49	37.56	52.93	70.47						
PMP	26.05	36.15	41.19	43.73	46.37	49.63	52.10	55.78	63.01	69.06	79.64	115.46	162.04						
MEAN	3.694	4.452	5.528	5.954	6.353	6.641	7.287	7.918	8.961	9.888	11.550	16.710	27.096						
CLOCK HR. COR.	1.140	1.270	1.046	1.022	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
CALCULATED SKEW	1.084	0.770	0.715	0.532	1.100	1.511	1.911	1.925	2.153	0.921	0.848	0.422	0.705						
REGIONAL SKEW	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500						
SKEW USED	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500						
KURTOSIS	3.812	2.706	2.741	2.405	4.934	7.884	10.189	9.705	6.382	4.568	4.118	2.811	2.690						
RECORD YEAR	37	37	37	37	37	37	37	37	37	37	37	37	37						
RECORD MAXIMUM	6.300	8.870	10.580	11.100	14.770	17.720	19.950	21.37	21.42	21.90	24.730	31.60	47.500						
NORMALIZED MAX	1.881	2.70	2.182	2.229	3.282	3.806	4.164	4.106	3.619	3.181	3.067	2.415	2.102						
CALC. COEF. VAR	0.387	0.400	0.419	0.388	0.404	0.418	0.417	0.414	0.384	0.385	0.372	0.369	0.358						
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.410	0.410	0.403	0.402	0.399	0.393	0.394	0.332						
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.410	0.410	0.403	0.402	0.399	0.393	0.394	0.332						
MEAN/A	1.345	1.791	2.040	2.197	2.344	2.525	2.689	2.922	3.307	3.649	4.263	6.167	1.0000						
RP10/A	0.701	2.214	3.210	3.440	3.663	3.934	4.164	4.501	5.087	5.598	6.505	9.414	1.4393						
RP25/A	0.524	3.456	3.923	4.175	4.420	4.744	4.967	5.328	5.991	6.589	7.644	1.1009	1.6342						
RP50/A	0.243	3.331	4.447	4.712	4.970	5.332	5.540	5.916	6.628	7.086	8.447	1.2127	1.7672						
RP100/A	0.3131	4.4399	4.965	5.238	5.506	5.905	6.093	6.68	7.239	7.955	9.217	1.3191	1.6917						
RP1000/A	0.806	5.926	6.632	6.833	7.229	7.742	7.813	8.058	9.141	1.0038	1.1613	1.6475	2.2652						
RP10000/A	0.5117	7.425	8.263	8.580	8.882	9.515	9.509	9.937	1.0924	1.1990	1.3860	1.9533	2.6007						
PMP/A	0.9615	1.3340	1.5200	1.6140	1.7114	1.8316	1.9224	2.0587	2.3250	2.5488	2.9340	4.2612	5.9800						

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUD E60 8666 0	STATION NAME SUNNYVALE	ELEV 97	SEC 24	TWP 07S	RNG LOT 02W 4	MM M	LATITUDE 37.307	LONGITUDE 122.033	COUNTY CODE 43	MAXIMUM PRECIPITATION FOR INDICATED DURATION - DAYS HOURS									
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650					
2	1.63	1.91	2.09	2.37	2.54	2.79	3.28	3.51	4.00	4.46	5.40	7.94	13.64						
5	2.30	2.77	3.02	3.41	3.64	3.97	4.00	4.91	5.56	6.20	7.47	10.67	17.79						
10	2.74	3.37	3.67	4.11	4.43	4.76	5.66	5.79	6.54	7.28	8.75	12.79	20.18						
20	1.17	3.96	4.28	4.78	5.13	5.51	6.26	6.60	7.43	8.26	9.52	14.45	22.88						
25	3.30	4.14	4.48	4.99	5.35	5.74	6.51	6.85	7.70	8.56	10.28	14.96	22.92						
40	3.57	4.53	4.89	5.42	5.80	6.23	6.63	7.37	8.26	9.18	11.02	16.00	24.20						
50	3.70	4.71	5.08	5.63	6.01	6.45	7.26	7.61	8.52	9.47	11.37	16.48	24.78						
100	4.69	5.27	5.67	6.26	6.66	7.15	7.98	8.34	9.30	10.34	12.40	17.93	26.53						
200	4.47	5.83	6.25	6.88	7.30	7.83	8.69	9.05	10.06	11.18	13.40	19.32	28.18						
1000	5.34	7.10	7.57	8.28	8.74	9.37	10.27	10.62	11.75	13.05	15.63	22.39	31.76						
10000	6.55	8.90	9.44	10.25	10.75	11.51	12.46	12.78	14.04	15.59	18.65	26.54	36.47						
PMP	12.56	15.99	17.36	19.58	20.71	22.17	25.19	26.49	29.02	33.14	38.54	57.91	83.86						
MEAN	1.783	2.147	2.330	2.625	2.830	3.055	3.523	3.760	4.250	4.744	5.735	8.386	14.023						
CLOCK HR. COR.	1.146	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
CALCULATED SKEW	1.115	1.298	1.231	1.024	0.739	0.700	0.517	0.825	0.416	0.523	0.406	0.355	0.669						
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500						
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500						
KURTOSIS	4.542	4.617	4.351	3.818	3.489	3.160	2.634	3.157	2.799	3.062	2.269	2.699	2.894						
RECORD YEAR	1952	1967	1952	1967	1967	1952	1952	1967	1952	1952	1952	1973	1973						
RECORD MAXIMUM	3.050	3.950	4.250	4.810	4.880	5.020	5.880	6.740	7.160	8.290	9.320	13.920	25.870						
NORMALIZED MAX	1.877	2.235	2.331	2.266	2.118	2.035	2.101	2.237	2.053	2.270	1.637	1.749	2.174						
CALC. COEF. VAR	0.379	0.376	0.362	0.307	0.340	0.316	0.375	0.358	0.334	0.358	0.362	0.332	0.332						
REGION. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332						
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332						
MEAN/A	0.1271	0.1531	0.1662	0.1872	0.2023	0.2179	0.2512	0.2681	0.3031	0.3383	0.4090	0.5976	1.0000						
RP10/A	0.2957	0.2406	0.2614	0.2931	0.3160	0.3395	0.3893	0.4129	0.4662	0.5190	0.6242	0.9123	1.4316						
RP25/A	0.1351	0.2955	0.3195	0.3557	0.3914	0.4094	0.4640	0.4888	0.5470	0.6107	0.7334	1.0669	1.6342						
RP50/A	0.2637	0.3361	0.3622	0.4015	0.4289	0.4566	0.5175	0.5366	0.6074	0.6755	0.8105	1.1752	1.7672						
RP100/A	0.2916	0.3761	0.4041	0.4463	0.4751	0.5096	0.5892	0.5947	0.6634	0.7375	0.8843	1.2784	1.9197						
RP1000/A	0.3810	0.5066	0.5401	0.5907	0.6233	0.6681	0.7326	0.7577	0.8377	0.9306	1.1143	1.5970	2.2652						
RP10000/A	0.4673	0.6346	0.6729	0.7310	0.7663	0.8211	0.8883	0.9117	1.0011	1.1116	1.3298	1.8930	2.6007						
PMP/A	0.8956	1.1405	1.2374	1.3751	1.4766	1.5807	1.7963	1.8888	2.1306	2.3629	2.8199	4.1276	5.9800						

PEAKING TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. WSN ORDER SUR E60 9493 0	STATION NAME WILLOW GLEN	ELEV 282	SEC 155	TWP 31	RNG LOT N/S	BWM NLF	M M	LATITUDE 37.310	LONGITUDE 121.900	COUNTY CODE 43			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.51	1.94	2.21	2.39	2.57	2.83	3.18	3.43	4.11	4.54	5.44	7.91	14.02
5	2.13	2.80	3.19	3.42	3.71	4.03	4.49	4.80	5.72	6.31	7.53	10.91	18.29
10	2.55	3.42	3.87	4.13	4.45	4.83	5.33	5.66	6.72	7.40	8.82	12.74	20.76
20	2.94	4.01	4.52	4.80	5.15	5.59	6.11	6.46	7.63	8.41	10.00	14.39	22.92
25	3.06	4.19	4.73	5.01	5.37	5.83	6.35	6.71	7.91	8.71	10.30	14.80	23.57
30	3.31	4.59	5.16	5.45	5.82	6.32	6.87	7.21	8.43	9.24	11.11	15.93	24.89
50	3.43	4.77	5.36	5.64	6.04	6.55	7.08	7.44	8.76	9.64	11.45	16.41	25.49
100	3.79	5.34	5.98	6.29	6.67	7.26	7.79	8.15	9.56	10.52	12.50	17.85	27.28
200	4.15	5.90	6.59	6.91	7.33	7.95	8.48	8.84	10.34	11.38	13.50	19.24	28.98
1000	4.95	7.19	7.99	8.36	8.82	9.47	10.07	10.43	12.10	13.30	15.70	22.30	35.57
10000	6.08	9.01	9.96	10.30	10.79	11.69	12.15	12.51	14.43	15.86	18.79	26.44	37.51
PMF	11.65	16.19	18.32	19.38	20.74	22.50	24.57	25.89	30.71	33.71	39.85	57.67	86.25
MEAN	1.653	2.173	2.460	2.638	2.848	3.102	3.437	3.675	4.368	4.827	5.779	8.346	14.423
CLOCK HR. COR.	1.140	1.670	1.840	1.920	1.980	2.040	2.100	2.100	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.249	1.603	1.750	1.830	1.746	1.933	1.282	1.082	0.535	0.719	0.925	0.599	0.514
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.200	1.100	1.000	.900	.800	.700	.600	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.200	1.100	1.000	.900	.800	.700	.600	.500
KURTOSIS	4.529	3.824	3.054	3.023	3.203	4.316	5.183	4.729	2.877	3.554	3.310	2.458	2.516
N	40	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1952	1963	1963	1956	1956	1966	1956	1956	1956	1948	1956	1956	1941
RECORD MAXIMUM	2.440	3.930	4.570	5.170	5.450	6.500	7.888	7.830	8.350	9.180	11.300	14.670	24.500
NORMALIZED MAX	2.100	2.376	2.362	2.403	2.499	3.040	3.274	3.274	2.520	2.615	2.669	2.128	2.110
CALC. COEF. VAR	.353	.340	.366	.352	.342	.341	.366	.345	.301	.343	.358	.356	.330
REGIONAL COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	1.144	1.507	1.705	1.829	1.975	2.151	2.383	2.548	3.029	3.347	4.007	5.787	1.0000
RP10/A	1.765	2.268	2.579	2.865	3.095	3.352	3.693	3.925	4.655	5.134	6.225	8.891	1.4393
RP25/A	2.120	2.809	3.279	3.675	3.923	4.202	4.600	4.967	5.885	6.502	7.785	11.031	1.6342
RP50/A	2.378	3.308	3.717	3.922	4.186	4.542	4.969	5.159	6.070	6.682	7.941	11.379	1.7672
RP100/A	2.629	3.702	4.148	4.366	4.638	5.031	5.399	5.562	6.631	7.295	8.664	12.378	1.8917
RP1000/A	3.345	4.405	4.883	5.081	5.371	5.895	6.449	7.020	8.372	9.206	10.917	15.404	2.2652
RP10000/A	4.213	5.249	5.907	6.144	6.481	7.016	7.582	7.986	10.004	10.996	13.029	18.839	2.6007
PMF/A	8.074	11.227	12.705	13.435	14.415	15.604	17.039	17.953	21.292	23.375	27.628	39.966	5.9800

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB E70 2205 0	STATION NAME CRYSTAL SP COTTAGE	ELEV 395	SEC 400	TWP 40	RNG LOT M	BWM M	LATITUDE 37.350	LONGITUDE 122.333	COUNTY CODE 41				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.12	2.92	3.47	3.72	4.00	4.40	5.01	5.64	6.67	7.28	8.66	12.91	23.85
5	2.99	4.23	5.01	5.34	5.80	6.27	7.05	7.89	9.28	10.11	11.97	17.80	31.11
10	3.57	5.15	6.06	6.44	6.96	7.52	8.37	9.31	10.91	11.87	14.03	20.76	35.30
20	4.12	6.05	7.11	7.49	8.05	8.70	9.60	10.61	12.39	13.48	15.91	23.48	38.98
25	4.29	6.33	7.43	7.82	8.40	9.07	9.94	11.02	12.85	13.97	16.48	24.31	40.08
50	4.64	6.92	8.11	8.50	9.12	9.83	10.17	11.85	13.78	14.98	17.67	25.99	42.32
100	5.41	7.20	8.43	8.82	9.45	10.19	11.13	12.63	14.21	15.45	18.22	26.77	43.35
200	5.32	8.06	9.40	9.81	10.47	11.28	12.24	13.40	15.52	16.87	19.88	29.12	46.40
1000	6.95	11.60	12.57	12.98	13.74	14.79	15.76	17.08	19.60	21.29	25.04	36.38	55.56
10000	8.52	13.60	15.66	16.06	16.89	18.18	19.11	20.55	24.42	25.43	29.89	43.13	63.79
PMF	16.33	24.44	28.80	30.22	32.54	35.00	39.64	42.57	49.86	54.05	63.38	94.08	146.68
MEAN	2.318	3.280	3.866	4.114	4.458	4.825	5.404	6.043	7.092	7.739	9.192	13.615	24.528
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.850	1.494	1.390	1.270	.984	.808	.535	.600	-0.009	.158	.431	.662	.350
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.700	.600	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.800	.700	.600	.500
KURTOSIS	3.590	5.766	5.829	5.166	3.890	3.222	2.825	2.725	2.083	2.245	2.399	2.489	2.073
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	3.650	6.590	8.110	8.600	8.640	8.670	8.670	10.550	10.780	12.940	15.340	23.750	40.290
NORMALIZED MAX	1.816	2.575	2.809	2.785	2.562	2.335	1.899	1.982	1.480	1.923	1.884	1.831	1.857
CALC. COEF. VAR	.314	.392	.391	.392	.366	.341	.318	.335	.351	.349	.355	.407	.346
REGIONAL COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.0945	.1337	.1576	.1677	.1817	.1967	.2203	.2464	.2891	.3155	.3748	.5551	1.0000
RP10/A	1.455	2.101	2.480	2.625	2.840	3.065	3.414	3.795	4.447	4.840	5.720	8.473	14.393
RP25/A	1.748	2.581	3.031	3.187	3.427	3.696	4.069	4.492	5.237	5.696	6.720	9.910	16.342
RP50/A	1.960	2.936	3.436	3.597	3.853	4.154	4.538	4.948	5.795	6.300	7.427	10.915	1.7672
RP100/A	2.168	3.285	3.834	3.998	4.268	4.601	4.991	5.405	6.329	6.888	8.103	11.873	1.8917
RP1000/A	2.832	4.426	5.124	5.292	5.600	6.032	6.424	6.963	7.992	8.679	10.210	14.833	2.2652
RP10000/A	3.474	5.545	6.384	6.549	6.886	7.413	7.789	8.378	9.950	10.637	12.185	17.582	2.6007
PMF/A	6.657	9.963	11.744	12.319	13.267	14.270	15.752	17.357	20.326	22.038	25.840	38.356	5.9800

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E70 5156 U	STATION NAME LOWER CRYSTAL SPRINGS 400	ELEV 450	SEC 450	T&P M	PNG LOT M	HHM M	LATITUDE 37.533	LONGITUDE 122.367	COUNTY 41				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	330	600	3650
2	2.09	2.76	3.28	3.63	4.18	4.45	5.12	5.74	6.91	7.53	8.94	13.35	24.42
5	2.95	4.00	4.74	5.21	5.97	6.34	7.22	8.02	9.62	10.46	12.22	18.42	31.85
10	3.52	4.87	5.75	6.29	7.17	7.60	8.57	9.46	11.31	12.28	14.70	23.30	41.85
20	4.06	5.71	6.72	7.31	8.29	8.79	9.82	10.79	12.84	13.94	16.24	24.30	39.90
25	4.23	5.94	7.03	7.63	8.65	9.16	10.21	11.20	13.31	14.46	16.83	25.15	41.04
40	4.58	6.54	7.67	8.30	9.38	9.93	10.40	12.04	14.24	15.50	18.03	26.90	43.33
50	4.75	6.81	7.97	8.61	9.72	10.30	11.38	12.44	14.73	15.99	18.50	27.70	44.38
100	5.25	7.61	8.89	9.57	10.77	11.40	12.52	13.63	16.01	17.46	20.29	30.13	47.50
200	5.74	8.41	9.80	10.52	11.83	12.49	13.63	14.78	17.40	18.87	21.92	32.47	50.46
1000	6.86	11.25	11.89	12.67	14.13	14.95	16.12	17.36	20.31	22.03	25.58	37.64	56.88
10000	8.41	12.65	14.81	15.68	17.36	18.17	19.54	20.89	24.28	26.31	30.57	45.31	70.34
PMP	16.12	23.08	27.24	29.49	33.49	35.37	39.52	43.28	51.67	55.93	64.67	97.34	150.16
MEAN	2.288	3.098	3.657	4.015	4.500	4.675	5.527	6.143	7.350	8.007	9.383	14.087	25.110
CLOCK HR. CUR.	1.146	1.770	1.940	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980
CALCULATED SKEW	-0.431	-0.469	-0.449	-0.419	-0.349	-0.349	-0.283	-0.274	-0.298	-0.294	-0.243	-0.372	-0.372
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.800	0.800	0.800
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.800	0.800	0.800
KURTOSIS	4.047	2.547	3.777	3.813	2.855	2.594	2.394	2.137	2.362	2.292	2.472	2.369	2.618
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1938	1932	1963	1963	1932	1932	1932	1932	1938	1938	1958	1958	1958
RECORD MAXIMUM	2.590	4.333	6.300	7.190	7.320	7.860	9.300	9.541	12.000	12.720	14.950	22.770	41.810
NORMALIZED MAX	0.736	1.414	2.336	2.407	1.411	1.967	2.077	1.807	1.872	1.712	1.807	1.813	1.813
CALC. COEF. VAR	1.179	0.880	0.909	0.924	1.312	1.311	1.305	1.306	1.344	1.349	1.317	1.356	1.303
REGN. COEF. VAR	+0.63	+0.36	+0.30	+0.26	+0.26	+0.17	+0.10	+0.03	+0.02	+0.03	+0.03	+0.03	+0.03
USED COEF. VAR	+0.63	+0.36	+0.30	+0.23	+0.20	+0.17	+0.10	+0.03	+0.02	+0.03	+0.03	+0.03	+0.03
MEAN/A	0.0911	0.1234	0.1456	0.1599	0.1826	0.1942	0.2201	0.2466	0.2927	0.3189	0.3703	0.5510	1.0000
NP10/A	0.1463	0.2291	0.2803	0.2854	0.3026	0.3111	0.3446	0.4502	0.4892	0.5703	0.6864	1.0342	1.4393
NP25/A	0.1685	0.2382	0.2900	0.3038	0.3444	0.3648	0.4065	0.4490	0.5302	0.5757	0.7017	1.0613	1.6342
NP50/A	0.1940	0.2701	0.3174	0.3429	0.3872	0.4101	0.4534	0.4952	0.5866	0.6367	0.7495	1.1032	1.7672
NP100/A	0.2098	0.3032	0.3542	0.3812	0.4207	0.4501	0.4987	0.5426	0.6407	0.6951	0.8079	1.2000	1.8917
NP1000/A	0.2731	0.4884	0.7334	0.8045	0.8620	0.9554	0.9619	0.913	0.8059	0.7772	1.0180	1.4992	2.6552
NP10000/A	0.1350	0.5117	0.5898	0.6244	0.6920	0.7317	0.7783	0.8191	0.8478	0.8772	1.2150	1.770	2.6007
PMP/A	0.6200	0.9193	1.0849	1.1745	1.3333	1.4006	1.5738	1.7234	2.0576	2.2274	2.754	3.8766	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E70 4843 0	STATION NAME PILARCITOS	ELEV 401	SEC 625	T&P M	PNG LOT M	HHM M	LATITUDE 37.550	LONGITUDE 122.417	COUNTY 41	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	3.99	5.22	5.92	6.51	7.04	7.73	8.76	9.69	11.46	12.77
5	5.63	7.57	8.56	9.34	10.13	11.01	12.34	13.55	15.90	17.73
10	6.72	9.22	10.38	11.26	12.16	13.20	14.65	15.99	18.75	20.81
20	7.75	10.92	12.13	13.09	14.07	15.07	16.79	18.23	21.30	23.63
25	8.07	11.32	12.68	13.66	14.62	15.62	17.46	18.92	22.00	24.49
40	8.74	12.34	13.84	14.85	15.92	17.07	17.79	20.35	23.69	26.27
50	9.05	12.88	14.38	15.42	16.50	17.60	19.47	21.01	24.43	27.09
100	10.01	14.41	16.04	17.14	18.28	19.42	23.02	26.68	29.58	34.87
200	10.95	15.93	17.69	18.84	20.02	21.21	23.31	24.97	28.46	31.98
1000	13.07	19.41	21.44	22.69	23.98	25.28	27.37	29.33	33.69	37.32
10000	16.43	24.32	26.72	28.10	29.49	31.93	33.43	35.31	40.26	44.58
PMP	30.73	43.70	49.14	52.82	58.91	61.47	67.59	73.13	85.69	94.77
MEAN	4.362	5.866	6.597	7.142	7.783	8.473	9.453	10.388	12.190	13.567
CLOCK HR. COR.	1.146	1.570	1.640	1.620	1.510	1.410	1.400	1.400	1.400	1.400
CALCULATED SKEW	1.446	1.625	1.690	1.610	1.573	1.728	1.659	1.478	1.600	1.277
REGIONAL SKEW	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900
SKEW USED	1.300	1.400	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900
KURTOSIS	5.752	6.374	7.399	7.306	7.126	5.808	4.330	7.475	9.485	7.287
N	106	106	106	106	106	106	106	106	106	106
RECORD YEAR	1872	1872	1872	1872	1872	1872	1872	1872	1872	1872
RECORD MAXIMUM	10.790	17.750	20.920	23.150	24.710	29.000	32.220	33.060	41.810	43.190
NORMALIZED MAX	3.299	3.998	4.416	4.568	4.613	5.067	5.260	4.944	5.342	4.931
CALC. COEF. VAR	+0.67	+0.51	+0.72	+0.60	+0.71	+0.73	+0.58	+0.42	+0.65	+0.57
REGN. COEF. VAR	+0.63	+0.30	+0.23	+0.23	+0.23	+0.17	+0.10	+0.03	+0.02	+0.03
USED COEF. VAR	+0.63	+0.30	+0.30	+0.23	+0.20	+0.17	+0.10	+0.03	+0.02	+0.03
MEAN/A	0.0993	0.1335	0.1501	0.1637	0.1771	0.1928	0.2151	0.2362	0.2774	0.3083
NP10/A	0.1528	0.2098	0.2362	0.2562	0.2767	0.3005	0.3334	0.3638	0.4267	0.4737
NP25/A	0.1836	0.2577	0.2886	0.3110	0.3339	0.3624	0.3974	0.4301	0.5025	0.5574
NP50/A	0.2091	0.2931	0.3272	0.3510	0.3755	0.4031	0.4361	0.4682	0.5405	0.5973
NP100/A	0.2277	0.3280	0.3651	0.3902	0.4160	0.4510	0.4874	0.5240	0.6072	0.6731
NP1000/A	0.2975	0.4418	0.4880	0.5164	0.5458	0.5913	0.6274	0.6676	0.8494	0.9999
NP10000/A	0.3649	0.5536	0.6050	0.6391	0.6711	0.7267	0.7607	0.8033	0.9163	1.0145
PMP/A	0.6994	1.1184	1.2621	1.2930	1.3490	1.3883	1.6842	1.9502	2.1567	2.5304

PEARSON TYPE III DISTRIBUTION ESTIMATE

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E70 7704 0	STATION NAME SAN ANDREAS LAKE	ELEV 403	SEC 377	TYP M	WNG LOT M	HMM	LATITUDE 37.583	LONGITUDE 122.480	COUNTY CODE 41				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.72	3.56	4.23	4.57	5.13	5.57	6.35	7.02	8.57	9.41	10.86	16.37	30.12
5	3.64	5.16	6.12	6.55	7.33	7.94	8.95	9.81	11.92	13.07	15.01	22.57	39.29
10	4.58	6.28	7.43	7.90	8.80	9.52	10.62	11.56	14.01	15.34	17.50	26.36	44.58
20	5.26	7.37	8.68	9.18	10.18	11.01	12.18	13.20	15.91	17.41	19.95	29.78	49.22
25	5.50	7.71	9.08	9.59	10.62	11.48	12.66	13.70	16.50	18.05	20.66	30.83	50.62
40	5.94	8.43	9.90	10.43	11.52	12.45	13.69	14.73	17.70	19.36	22.16	32.97	53.45
50	6.17	8.77	10.29	10.82	11.94	12.91	14.12	15.12	18.25	19.98	22.85	33.96	54.74
100	6.82	9.82	11.49	12.03	13.23	14.20	15.53	16.87	19.93	21.79	24.93	36.94	58.59
200	7.46	10.85	12.66	13.22	14.44	15.65	16.90	18.28	21.55	23.56	26.94	39.80	62.25
1000	8.92	13.22	15.35	15.92	17.35	18.74	19.94	21.24	25.17	27.50	31.41	46.14	78.17
10000	10.94	16.57	19.12	19.70	21.34	23.03	24.24	25.56	30.09	32.85	37.49	54.70	89.56
PMP	20.96	29.77	35.17	37.05	41.11	44.33	49.01	52.95	64.02	69.83	79.50	119.32	185.23
MEAN	2.975	3.996	4.721	5.066	5.632	6.111	6.855	7.515	9.107	9.998	11.530	17.268	30.975
CLOCK HR. COR.	1.140	1.770	1.840	1.820	1.810	1.810	1.800	1.800	1.800	1.800	1.800	1.800	1.800
CALCULATED SKEW	1.192	2.235	2.218	2.296	1.992	1.553	.790	.481	-0.140	.008	-0.081	.180	.349
REGIONAL SKEW USED	1.130	1.600	1.580	1.400	1.380	1.380	1.100	1.000	.900	.900	.900	.800	.500
	1.100	1.400	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KUNTO215	5.024	8.027	11.248	11.305	14.185	14.879	17.488	2.838	2.043	2.086	2.110	2.436	2.325
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1967	1958	1958	1958	1958
RECORD MAXIMUM	5.330	9.280	12.660	14.570	13.660	13.660	13.680	13.680	14.680	15.920	19.110	29.380	52.370
NORMALIZED MAX	2.114	2.572	3.811	3.618	3.442	3.262	2.805	2.225	1.587	1.695	1.826	2.707	2.093
CALC. COEF. VAR	.174	.445	.487	.418	.379	.355	.344	.312	.244	.232	.231	.230	.230
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.0960	.1290	.1524	.1629	.1814	.1973	.2213	.2426	.2940	.3228	.3721	.5575	1.0000
HP10/A	.1470	.2028	.2398	.2550	.2841	.3074	.3430	.3737	.4523	.4952	.5682	.8510	1.4393
HP25/A	.1776	.2471	.2931	.3095	.3480	.3767	.4087	.4424	.5326	.5827	.6675	.9952	1.6342
HP50/A	.1993	.2832	.3322	.3494	.3859	.4176	.4568	.4912	.5893	.6445	.7377	1.0863	1.7672
HP100/A	.2203	.3170	.3707	.3884	.4270	.4614	.5014	.5382	.6436	.7036	.8049	1.1925	1.8917
RP1000/A	.2474	.3470	.4054	.4140	.4602	.4949	.5454	.5837	.6827	.7479	1.0142	1.4897	2.2652
RP10000/A	.2530	.3530	.4173	.4361	.4869	.5235	.5785	.6251	.7121	.7889	1.0103	1.7658	2.6007
PMP/A	.6786	.9612	1.1355	1.1966	1.3273	1.4312	1.5823	1.7093	2.0670	2.2545	2.5660	3.8521	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E70 7769 0	STATION NAME SAN FRANCISCO AIRPORT	ELEV 8	SEC 8	TYP M	WNG LOT M	ANM M	LATITUDE 37.617	LONGITUDE 122.383	COUNTY CODE 41				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.90	2.39	2.79	3.07	3.38	3.64	4.02	4.47	5.22	5.85	7.03	10.78	19.15
5	2.68	3.46	4.04	4.41	4.83	5.18	5.67	6.25	7.27	8.12	9.72	14.86	24.98
10	3.20	4.22	4.90	5.32	5.80	6.21	6.73	7.38	8.54	9.53	11.40	17.36	28.34
20	3.69	4.95	5.73	6.14	6.71	7.19	7.71	8.41	9.70	10.82	12.92	19.61	31.29
25	3.84	5.18	5.99	6.45	6.99	7.49	8.01	8.73	10.05	11.22	13.39	20.30	32.18
40	4.19	5.66	6.53	7.02	7.59	8.12	8.66	9.39	10.78	12.03	14.35	21.71	33.98
50	4.31	5.89	6.79	7.28	7.86	8.42	8.94	9.69	11.12	12.40	14.80	22.36	34.80
100	4.77	6.80	7.58	8.10	8.71	9.32	9.83	10.62	12.15	13.54	16.15	24.32	37.25
200	5.22	7.29	8.35	8.90	9.54	10.21	10.76	11.52	13.14	14.64	17.45	26.21	39.58
1000	6.53	8.68	10.12	10.72	11.43	12.22	12.65	13.53	15.34	17.09	20.34	30.38	44.61
10000	7.64	11.13	12.61	13.20	14.05	15.02	15.34	16.28	18.13	20.41	24.26	36.02	51.22
PMP	14.64	21.00	23.21	24.95	27.08	28.92	31.03	33.74	39.02	43.39	51.49	78.57	117.77
MEAN	2.678	2.684	3.115	3.399	3.749	3.987	4.339	4.789	5.550	6.212	7.467	11.370	19.694
CLOCK HR. COR.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600	1.600
CALCULATED SKEW	1.456	1.762	1.495	1.253	1.304	1.028	.746	.896	.739	.838	.632	.726	.928
REGIONAL SKEW	1.100	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KUNTO215	6.822	6.969	5.631	4.794	4.826	4.004	3.375	3.570	3.224	3.692	3.345	3.131	3.202
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1967	1967	1963	1963	1967	1956	1956	1956	1958	1958	1958	1958	1958
RECORD MAXIMUM	4.070	5.980	6.946	7.290	7.243	7.880	8.320	9.470	10.760	13.170	14.960	22.590	36.500
NORMALIZED MAX	2.726	3.654	2.907	2.988	2.902	2.334	2.374	2.430	2.301	2.779	2.429	2.435	2.658
CALC. COEF. VAR	.352	.402	.422	.347	.389	.388	.386	.402	.411	.400	.414	.405	.359
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1055	.1363	.1582	.1725	.1883	.2024	.2203	.2432	.2818	.3154	.3792	.5774	1.0000
RP10/A	.1625	.2142	.2488	.2700	.2943	.3185	.3415	.3745	.4335	.4840	.5782	.8814	1.4393
RP25/A	.1952	.2631	.3041	.3277	.3551	.3804	.4070	.4433	.5105	.5695	.6799	1.0307	1.6342
HP50/A	.2189	.2992	.3447	.3699	.3993	.4275	.4539	.4923	.5648	.6299	.7514	1.1354	1.7672
RP100/A	.2421	.3349	.3947	.4111	.4424	.4735	.4992	.5374	.6169	.6877	.8138	1.2350	1.8917
RP1000/A	.3163	.4511	.5141	.5143	.5603	.6207	.6425	.6872	.7789	.8677	1.0330	1.5429	2.2652
RP10000/A	.3679	.5652	.6405	.6734	.7136	.7629	.7791	.8269	.9309	1.0365	1.2329	1.8268	2.6007
PMP/A	.7435	1.0155	1.1783	1.2667	1.3749	1.4686	1.5755	1.7131	1.9812	2.2033	2.6143	3.9995	5.9800

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E70 7772 U	STATION NAME SAN FRANCISCO FOR	ELEV 42	SEC 42	TWP 42	RNG 42	LOT 42	BLK 42	LATITUDE 37.7m3	LONGITUDE 122.417	COUNTY CODE 40			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.602	2.57	2.95	3.27	3.54	3.83	4.33	4.81	5.74	6.50	7.68	11.39	21.01
5	2.85	3.73	4.27	4.70	5.05	5.45	6.11	6.72	7.99	9.03	10.63	15.70	27.40
10	3.40	4.54	5.18	5.66	6.05	6.53	7.25	7.92	9.39	10.60	12.45	18.34	31.10
20	3.92	5.33	6.06	6.58	7.02	7.56	8.31	9.04	10.66	12.04	14.12	20.72	34.33
25	4.04	5.54	6.33	6.87	7.32	7.88	8.64	9.39	11.06	12.48	14.63	21.45	35.31
40	4.42	6.10	6.91	7.47	7.94	8.54	9.36	10.09	11.86	13.38	15.68	22.94	37.28
50	4.56	6.35	7.14	7.76	8.23	8.76	9.63	10.42	12.23	13.60	16.07	23.62	38.18
100	5.06	7.10	8.01	8.62	9.11	9.81	10.60	11.42	13.36	15.07	17.64	25.70	40.87
200	5.54	7.65	8.63	9.27	9.74	10.74	11.53	12.37	14.45	16.29	19.07	27.69	43.42
1000	6.61	9.57	11.70	13.41	14.79	16.26	17.64	18.55	21.67	24.01	28.23	32.10	46.94
10000	8.11	11.99	15.34	18.12	20.70	23.40	26.54	27.51	32.16	35.71	42.53	38.05	56.19
PMF	15.54	21.54	24.53	28.17	30.33	30.42	34.44	36.27	42.91	48.27	56.25	83.01	129.20
MEAN	2.206	2.891	3.293	3.617	3.880	4.193	4.676	5.148	6.103	6.911	8.159	12.013	21.606
CLOCK HR. COR.	1.140	1.770	1.640	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.264	1.694	1.490	1.314	1.153	1.431	1.210	1.070	1.619	1.683	1.862	1.227	1.900
REGIONAL SKEW	1.360	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KURTOSIS	5.102	7.673	7.341	6.840	6.427	7.762	6.762	4.777	9.328	9.525	10.604	5.824	4.491
N	124	124	124	124	124	124	124	124	124	124	124	124	124
RECORD YEAR	1881	1867	1867	1867	1867	1862	1862	1862	1862	1862	1862	1862	1862
RECORD MAXIMUM	4.676	7.900	8.050	9.490	9.803	11.470	12.720	12.947	19.770	23.010	28.250	34.570	49.270
NORMALIZED MAX	2.992	4.234	4.325	4.279	4.251	4.548	4.561	3.974	5.387	5.494	5.687	4.567	3.771
CALC. COEF. VAR	.173	.449	.399	.379	.359	.386	.377	.381	.424	.424	.443	.340	.240
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.1021	.1338	.1524	.1674	.1796	.1941	.2165	.2383	.2825	.3198	.3776	.5560	1.0000
RP10/A	.1572	.2102	.2262	.2406	.2606	.3024	.3355	.3671	.4345	.4907	.5763	.8488	1.4393
RP25/A	.1489	.2582	.2431	.3141	.3335	.3647	.3999	.4344	.5117	.5774	.6772	.9926	1.6342
RP50/A	.2114	.2937	.3275	.3450	.3507	.4024	.4324	.4602	.5682	.6173	.7434	1.0934	1.7672
RP100/A	.2343	.3287	.3707	.3991	.4218	.4539	.4905	.5285	.6183	.6973	.8165	1.1893	1.8917
RP1000/A	.3361	.4420	.4954	.5282	.5534	.5951	.6313	.6734	.7808	.8798	1.0289	1.4858	2.2652
RP10000/A	.3754	.5549	.6173	.6537	.6804	.7314	.7654	.8103	.9331	1.0510	1.2279	1.7611	2.6007
PMF/A	.7194	.9967	1.1355	1.2297	1.3110	1.4060	1.5479	1.6786	1.9859	2.2341	2.6038	3.8419	5.9860

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E80 9714 0	STATION NAME HALF MOON HAY	ELEV 60	SEC 24	TWP 055	RNG 05N	LOT P	BLK M	LATITUDE 37.461	LONGITUDE 122.433	COUNTY CODE 41			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.25	2.03	3.28	3.62	3.94	4.25	4.83	5.23	6.20	6.82	8.25	12.59	24.30
5	3.17	4.05	4.74	5.20	5.63	6.05	6.81	7.31	8.63	9.47	11.40	17.36	31.69
10	3.79	4.99	5.75	6.27	6.76	7.25	8.04	8.63	10.14	11.12	13.36	20.88	35.97
20	4.37	5.85	6.72	7.29	7.82	8.39	9.26	9.84	11.52	12.62	15.15	22.91	39.71
25	4.55	6.12	7.02	7.61	8.16	8.74	9.63	10.21	11.94	13.08	15.70	23.71	40.84
40	4.93	6.76	7.66	8.27	8.85	9.48	9.81	10.98	12.81	14.03	16.83	25.36	43.12
50	5.11	6.96	7.96	8.58	9.17	9.83	10.74	11.34	13.21	14.47	17.35	26.12	44.16
100	5.65	7.79	8.88	9.54	10.10	10.88	11.81	12.42	14.43	15.79	18.93	28.41	47.27
200	6.18	8.62	9.79	10.49	11.13	11.92	12.86	13.48	15.60	17.08	20.46	30.62	50.22
1000	7.34	10.50	11.87	12.63	13.33	14.27	15.20	15.83	18.22	19.93	23.66	35.50	56.60
10000	9.05	13.16	14.80	15.63	16.39	17.54	18.43	19.05	21.77	23.81	28.47	42.07	64.99
PMF	17.34	23.64	27.22	29.40	31.59	33.76	37.28	39.46	46.34	50.61	60.38	91.79	149.43
MEAN	2.461	3.173	3.653	4.003	4.327	4.654	5.214	5.602	6.591	7.245	8.757	13.283	24.989
CLOCK HR. COR.	1.140	1.770	1.640	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.281	1.641	2.205	2.002	1.595	1.341	.935	.712	.163	.217	.156	.660	.589
REGIONAL SKEW	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
SKEW USED	1.300	1.600	1.500	1.400	1.300	1.300	1.100	1.000	.900	.900	.900	.800	.500
KURTOSIS	5.924	7.639	10.184	9.535	6.596	5.810	4.404	3.394	2.444	2.415	2.021	3.299	2.513
N	33	33	33	33	33	33	33	33	33	33	33	33	32
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1958	1958	1958	1958
RECORD MAXIMUM	4.900	7.770	10.610	10.680	10.730	10.730	10.840	10.840	10.970	12.480	13.900	25.190	43.610
NORMALIZED MAX	2.554	3.301	3.770	3.647	3.444	3.294	2.810	2.810	3.912	4.216	4.836	9.402	1.6342
CALC. COEF. VAR	.387	.439	.402	.387	.349	.396	.361	.358	.347	.334	.320	.358	.327
REGN. COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
USED COEF. VAR	.403	.430	.430	.423	.420	.417	.410	.403	.402	.399	.393	.394	.332
MEAN/A	.0985	.1270	.1462	.1602	.1731	.1862	.2086	.2242	.2638	.2899	.3504	.5316	1.0000
RP10/A	.1516	.1995	.2300	.2508	.2705	.2902	.3233	.3452	.4057	.4448	.5348	.8114	1.4393
RP25/A	.1422	.2451	.2711	.3047	.3265	.3494	.3853	.4087	.4778	.5265	.6396	.9402	1.6342
RP50/A	.2043	.2787	.3188	.3436	.3671	.3933	.4297	.4538	.5287	.5790	.6945	1.0453	1.7672
RP100/A	.2259	.3119	.3556	.3819	.4067	.4356	.4727	.4972	.5773	.6321	.7577	1.1370	1.8917
RP1000/A	.2952	.4202	.4752	.5055	.5335	.5711	.6084	.6335	.7291	.7976	.9577	1.4205	2.2652
RP10000/A	.3820	.5265	.5921	.6255	.6560	.7019	.7377	.7623	.8712	.9527	1.1394	1.8337	2.6007
PMF/A	.6938	.9459	1.0892	1.1767	1.2640	1.3511	1.4918	1.5792	1.8543	2.0253	2.4162	3.6731	5.9860

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB E80 4660 0	STATION NAME LA MURINA	ELEV 670	SEC 14	TWP 075	RNG LOT 044	RHM M	LATITUDE 37.317	LONGITUDE 122.267	COUNTY 41				
MAXIMUM PRECIPITATION FOR INDICATED DURATION (D-DAYS H-HOURS)													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.03	3.78	4.27	4.67	5.06	5.46	6.55	7.16	8.24	9.33	11.07	16.67	30.89
5	4.27	5.48	6.21	6.71	7.57	7.98	9.24	10.01	11.47	12.96	15.31	22.99	40.30
10	5.10	6.08	7.53	8.04	9.02	9.57	10.96	11.81	13.47	15.21	17.95	26.84	45.73
20	5.88	7.03	8.90	9.40	10.44	11.07	12.57	13.47	15.31	17.27	20.35	30.33	50.49
25	6.13	8.20	9.21	9.82	10.89	11.54	13.07	13.98	15.87	17.90	21.09	31.39	51.92
40	6.53	8.97	10.34	10.86	11.81	12.51	13.31	15.53	17.82	19.26	22.60	33.57	54.82
50	6.87	9.33	10.44	11.08	12.24	12.97	14.57	15.56	17.50	19.80	23.30	34.58	56.14
100	7.40	10.44	11.94	12.32	14.56	14.37	16.03	17.01	19.17	21.61	25.43	37.61	60.10
200	8.31	11.54	12.84	13.54	14.66	15.73	17.45	18.45	20.74	23.37	27.46	40.53	63.95
1000	9.93	14.06	15.36	16.30	17.74	18.83	20.63	21.67	24.21	27.27	32.04	46.99	71.97
10000	12.18	17.02	19.39	20.18	21.88	23.15	25.01	26.07	28.93	32.58	38.23	55.70	86.63
PMP	23.93	31.05	35.37	37.95	42.15	44.56	50.58	54.02	61.58	69.25	81.28	121.51	189.99
MEAN	3.312	4.249	4.788	5.167	5.774	6.142	7.075	7.608	8.759	9.915	11.759	17.584	31.770
CLOCK HR. COEF.	1.104	1.070	1.021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.614	1.479	1.120	0.878	1.004	0.966	1.177	1.158	0.701	0.550	0.813	0.539	0.403
REGIONAL SKEW	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.900	0.900	0.900	0.800	0.500
SKEW USED	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.901	0.900	0.900	0.800	0.500
KURTOSIS	6.584	5.456	4.237	4.020	4.091	3.956	5.576	5.002	3.950	3.105	3.833	3.325	2.073
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1963	1903	1903	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.720	8.300	8.850	9.230	11.191	11.590	14.078	15.655	16.319	17.440	22.910	31.400	49.760
NORMALIZED MAX	2.517	2.668	2.422	2.449	2.419	2.592	3.076	3.083	2.628	2.349	2.660	2.400	1.960
CALC. COEF. VAR	0.499	0.357	0.333	0.315	0.374	0.352	0.326	0.339	0.328	0.323	0.350	0.327	0.298
REGN. COEF. VAR	0.403	0.431	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN/A	1.043	1.137	1.157	1.162	1.181	1.193	1.227	1.243	1.257	1.312	1.370	1.553	1.0000
RP100A	1.105	1.2102	1.2371	1.2546	1.2840	1.3013	1.3451	1.3717	1.4241	1.4788	1.5647	1.8449	1.4393
RP25A	1.198	1.2508	1.2988	1.3093	1.3333	1.3433	1.4400	1.4433	1.4994	1.5036	1.6637	1.9881	1.6362
RP50A	1.2153	1.2938	1.3245	1.3488	1.3853	1.4003	1.4887	1.4886	1.5226	1.6231	1.7335	1.0884	1.7672
RP100A	1.2392	1.3208	1.3604	1.3777	1.4269	1.4522	1.5045	1.5355	1.6035	1.6803	1.8033	1.1839	1.8917
RP1000A	1.3125	1.4428	1.4898	1.5132	1.5600	1.5928	1.6494	1.6820	1.7629	1.8545	1.0084	1.4790	2.2652
RP10000A	1.3932	1.5646	1.6103	1.6350	1.6808	1.7266	1.7873	1.8107	1.0254	1.2035	1.7531	2.4007	
PMP/A	1.7345	1.9903	1.1227	1.1948	1.3288	1.4025	1.5922	1.7012	1.9382	2.1798	2.5520	3.8245	5.9800

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB E80 7086 0	STATION NAME PUMTLA STATE PARK	ELEV 422	SEC 04	TWP 085	RNG LOT 036	RHM M	LATITUDE 37.239	LONGITUDE 122.212	COUNTY 41				
MAXIMUM PRECIPITATION FOR INDICATED DURATION (D-DAYS H-HOURS)													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.15	5.32	6.30	6.93	7.66	8.32	9.39	10.26	11.56	13.02	15.49	22.59	40.75
5	5.85	7.71	9.10	9.94	10.94	11.85	13.24	14.34	16.10	18.08	21.42	31.15	53.15
10	6.99	9.38	11.04	11.99	13.13	14.20	15.71	16.93	18.91	21.22	25.11	36.38	60.31
20	8.06	11.01	12.91	13.94	15.20	16.43	18.01	19.31	21.48	24.03	28.47	41.10	66.59
25	8.39	11.52	13.50	14.55	15.85	17.13	18.72	20.04	22.27	24.98	29.50	42.55	68.48
40	9.40	12.60	14.72	15.83	17.19	18.57	19.07	21.55	23.89	26.78	31.62	45.50	72.30
50	9.41	13.11	15.30	16.43	17.82	19.25	20.88	22.25	24.64	27.62	32.60	46.87	74.05
100	10.41	14.67	17.07	18.26	19.74	21.32	22.97	24.38	26.91	30.16	35.57	50.98	79.27
200	11.38	16.22	18.82	20.05	21.63	23.35	25.00	26.44	29.11	32.61	38.44	54.94	84.21
1000	13.60	19.76	22.02	24.17	25.90	27.95	29.50	31.06	33.99	38.06	44.82	63.49	94.92
10000	16.88	24.76	26.93	29.41	31.85	34.35	35.85	37.37	40.62	45.46	53.49	75.49	108.98
PMP	31.96	44.48	52.30	56.26	61.30	66.13	72.44	77.42	86.44	96.63	113.44	144.68	250.58
MEAN	4.537	5.971	7.020	7.659	8.408	9.115	10.138	10.999	12.296	13.834	16.452	23.832	41.904
CLOCK HR. COEF.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.202	1.076	1.040	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030
REGIONAL SKEW	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.000	0.000	0.000	0.800	0.500
SKEW USED	1.300	1.000	1.500	1.400	1.300	1.300	1.100	1.000	0.000	0.000	0.000	0.800	0.500
KURTOSIS	2.986	5.959	3.414	3.484	5.970	8.073	8.327	6.473	4.683	4.063	4.100	2.803	2.511
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1967	1967	1956	1967	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.200	11.070	11.260	11.070	17.720	20.250	23.910	24.75	26.100	27.760	32.430	41.710	71.590
NORMALIZED MAX	1.312	2.679	1.918	2.172	2.964	3.369	3.461	3.201	2.848	2.569	2.714	2.038	2.018
CALC. COEF. VAR	0.279	0.319	0.315	0.325	0.374	0.372	0.393	0.391	0.394	0.392	0.358	0.368	0.351
REGN. COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
USED COEF. VAR	0.403	0.430	0.430	0.423	0.420	0.417	0.410	0.403	0.402	0.399	0.393	0.394	0.332
MEAN	1.083	1.125	1.175	1.188	1.200	1.215	1.249	1.263	1.293	1.330	1.392	1.587	1.0000
RF100A	1.167	1.2239	1.2636	1.2861	1.3134	1.3390	1.3750	1.4039	1.4514	1.5045	1.5942	1.8682	1.4393
RF25A	1.2003	1.2750	1.3221	1.3473	1.3782	1.4087	1.4469	1.4781	1.5315	1.5940	1.7041	1.0154	1.6362
RF50A	1.2266	1.3128	1.3651	1.3920	1.4253	1.4594	1.4983	1.5319	1.5881	1.6592	1.7781	1.1184	1.7672
RF100A	1.2484	1.3501	1.4011	1.4267	1.4571	1.4871	1.5171	1.5517	1.6177	1.6889	1.8177	1.1668	1.8917
RF1000A	1.3245	1.4716	1.5445	1.5767	1.6181	1.6670	1.7055	1.7412	1.8111	1.9082	1.0697	1.5198	2.2652
RF10000A	1.3980	1.5909	1.6784	1.7137	1.7600	1.8198	1.8855	1.9492	1.0548	1.2760	1.8015	2.6007	
PMP	1.7628	1.0616	1.2480	1.3426	1.4664	1.5781	1.7294	1.8476	2.0629	2.3060	2.7071	3.9300	5.9800

PEARSON TYPE III DISTRIBUTION ESTIMATE

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY	CODE
BSN ORDER SUB P00 11-7 35	AROOKINGUS JREGUN	MO	05	41S	13W	A	42.05N	124.283	01	
MAXIMUM PRECIPITATION FOR INDICATED DURATION (D-DAYS H-HOURS)										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	4.448	5.19	7.18	9.23	9.49	9.82	11.19	12.43	14.70	16.76
5	6.74	8.51	11.07	11.16	14.25	13.17	14.86	16.46	19.37	21.45
10	7.14	11.05	11.83	13.65	14.30	15.29	17.14	18.92	22.11	25.50
20	7.47	11.51	11.49	14.80	16.21	17.24	19.22	21.15	24.55	28.49
25	8.24	11.97	14.00	16.35	18.79	17.85	19.66	21.83	25.28	29.41
50	8.44	12.91	15.07	16.63	17.04	18.49	21.18	23.62	26.74	31.28
100	9.13	13.36	15.56	16.94	18.64	19.66	21.78	23.86	27.46	32.14
500	9.47	14.71	17.08	18.58	20.41	21.41	23.62	25.8	29.52	34.75
2000	10.74	16.44	19.56	20.13	21.94	23.11	25.40	27.67	31.41	37.26
10000	12.64	18.06	21.91	23.51	25.74	26.90	29.35	31.74	35.75	42.40
10000 PMP	15.18	23.25	26.55	28.40	30.98	32.08	34.72	37.35	41.47	50.26
	29.48	44.08		58.33	61.35	64.97	71.86	79.37	93.66	106.79
MEAN	6.714	6.714	7.947	8.002	9.677	10.420	11.780	13.011	15.219	17.549
CLOCK HR. COR.	1.140	1.70	1.040	1.620	1.410	1.610	1.000	1.000	1.000	1.000
CALCULATED SKEW	.515	.625	.658	.648	.642	.720	.547	.609	.339	.116
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.700	.600
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.600	.600	.700
KURTOSIS	3.268	3.485	3.281	3.766	3.984	3.771	3.986	3.530	2.964	2.194
N	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1945	1963	1953	1953	1953	1953	1953	1953	1956	1956
RECORD MAXIMUM	6.138	10.710	12.000	14.117	15.477	15.640	17.710	19.450	22.489	24.000
NORMALIZED MAX	1.536	1.033	1.033	2.266	2.333	2.330	2.567	2.420	2.048	1.882
CALC. COEF. VAR	.295	.308	.291	.280	.247	.214	.196	.211	.233	.227
REG. COEF. VAR	.351	.371	.365	.380	.350	.349	.340	.341	.339	.335
USED COEF. VAR	.351	.371	.365	.380	.350	.349	.340	.341	.339	.335
MEAN/A	.0601	.1444	.0998	.1106	.1210	.1309	.1480	.1635	.1912	.2265
RP10/A	.1287	.1887	.1463	.1610	.1714	.1826	.2007	.2174	.2500	.2832
RP25/A	.1377	.1503	.1759	.1928	.2110	.2252	.2496	.2743	.3178	.3595
RP50/A	.1147	.1956	.1956	.2135	.2471	.2737	.2998	.3451	.4038	.4519
RP100/A	.1253	.1449	.2146	.2335	.2552	.2696	.2968	.3242	.3769	.4366
RP1000/A	.2395	.2753	.3239	.3393	.3709	.3876	.4491	.4891	.5937	.6769
RP10000/A	.4922	.3335	.3585	.3693	.4031	.4363	.4493	.5203	.6317	.7503
PMP/A	.3767	.5538	.6485	.7078	.7769	.8162	.9028	.9972	1.1693	1.3417

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB P00 2147 0	STATION NAME CRESCENT CITY 1 N	ELEV 40	SEC 20	TWP 16N	RNG LOT 01W	HMM M	LATITUDE 41.767	LONGITUDE 124.260	COUNTY CODE 08				
MAXIMUM PRECIPITATION FOR INDICATED DURATION (D-DAYS H-HOURS)													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.28	5.69	6.57	7.46	8.25	8.95	10.09	11.31	13.97	15.86	19.75	29.77	76.81
5	5.77	7.82	8.97	10.15	11.15	12.01	13.40	14.96	18.41	21.00	25.99	39.25	87.87
10	6.72	9.23	10.54	11.86	13.02	13.94	15.46	17.22	21.01	24.12	29.72	44.94	97.53
20	7.61	10.57	12.01	13.45	14.76	15.72	17.33	19.24	23.33	26.96	33.07	50.03	105.92
25	7.68	10.99	12.47	13.95	15.30	16.27	17.91	19.86	24.03	27.82	34.09	51.58	108.43
50	8.02	11.86	13.42	14.19	15.56	17.40	19.09	21.13	25.45	29.40	36.18	54.73	113.48
100	8.72	12.27	13.86	15.44	16.93	17.92	19.64	21.61	26.10	30.41	37.12	56.18	115.79
500	9.52	13.52	15.22	16.89	18.50	19.52	21.30	23.47	28.05	32.88	39.98	60.55	126.63
2000	10.31	14.75	16.54	18.29	20.03	21.06	22.90	25.17	29.91	35.25	42.73	64.73	129.08
10000	12.07	17.51	19.52	21.46	23.46	24.52	26.47	28.92	34.50	40.77	49.32	73.92	142.03
PMP	14.49	21.37	23.05	25.81	28.22	29.24	31.31	33.91	39.36	47.57	56.85	86.21	169.92
	28.63	41.50	45.63	51.19	55.88	59.22	64.79	72.21	88.44	101.04	123.80	188.06	361.92
MEAN	4.570	6.169	7.078	7.999	8.815	9.494	10.621	11.838	14.463	16.605	20.549	30.982	72.091
CLOCK HR. COR.	1.140	1.710	1.049	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.480	.680	.625	.794	.475	.391	.628	.686	.447	.238	.423	1.408	.165
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.800	.800	.600	.700	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.695	3.856	3.716	4.117	4.697	4.753	4.326	4.708	3.139	2.878	2.771	3.285	3.305
N	65	65	65	65	65	64	64	64	64	64	64	64	65
RECORD YEAR	1951	1953	1953	1953	1957	1957	1953	1907	1953	1904	1904	1904	1915
RECORD MAXIMUM	7.440	11.420	13.420	15.230	17.310	18.630	20.340	23.000	25.120	26.350	35.330	44.960	118.880
NORMALIZED MAX	1.979	2.574	2.772	2.824	3.021	3.165	3.399	3.152	2.453	2.176	2.966	2.716	2.549
CALC. COEF. VAR	.313	.331	.323	.320	.319	.308	.304	.299	.300	.270	.281	.277	.255
REG. COEF. VAR	.351	.371	.365	.380	.350	.349	.340	.340	.341	.339	.335	.338	.268
USE. COEF. VAR	.351	.371	.365	.380	.350	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0634	.0856	.0992	.1109	.1223	.1317	.1473	.1642	.2006	.2303	.2850	.4297	1.0000
RP10/A	.0932	.1281	.1462	.1645	.1806	.1934	.2144	.2389	.2915	.3347	.4123	.6293	1.3521
RP25/A	.1094	.1525	.1730	.1935	.2122	.2257	.2484	.2755	.3352	.3859	.4750	.7150	1.5679
RP50/A	.1209	.1702	.1923	.2142	.2348	.2486	.2724	.3012	.3620	.4218	.5148	.7793	1.6060
RP100/A	.1321	.1875	.2111	.2362	.2586	.2707	.2964	.3256	.3951	.4560	.5546	.8396	1.7009
RP1000/A	.1674	.2429	.2707	.2976	.3257	.3401	.3671	.4012	.5017	.5617	.6765	1.0253	1.9825
RP10000/A	.2010	.2964	.3280	.3580	.3915	.4056	.4343	.4713	.5459	.6099	.7458	1.1958	2.3220
PMP/A	.3392	.5618	.6357	.7101	.7751	.8214	.8866	1.0016	1.2267	1.4015	1.7172	2.6804	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROGRAMME MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. FSD ORDER SUB FOO 2749 0	STATION NAME ELM VALLEY	ELEV 1711	SEC 34	TWP 14N	RNG LOT R4E	HMM H	LATITUDE 42-00.0	LONGITUDE 123-71.7	COUNTY 08	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	5.12	7.60	9.11	10.15	11.15	12.20	14.07	15.77	18.62	20.49
5	6.89	11.44	12.44	13.76	15.07	16.37	18.69	20.89	24.52	27.11
10	8.44	12.33	14.61	16.98	17.59	19.00	21.55	24.02	28.00	31.16
20	9.10	14.12	16.65	18.24	19.43	21.42	24.17	26.84	31.09	34.42
25	9.43	14.64	17.29	18.91	20.68	22.17	24.99	27.76	32.01	35.94
40	9.59	15.85	18.60	19.24	21.02	23.71	26.63	29.47	33.90	38.22
50	10.42	16.39	19.22	20.44	22.46	24.43	27.39	30.29	34.77	39.28
100	11.39	18.16	21.09	22.96	24.00	26.60	29.70	32.75	37.37	42.46
200	12.32	19.49	22.92	24.41	24.60	28.71	31.94	35.11	39.85	45.53
1000	14.43	23.39	27.06	29.10	31.72	33.41	36.91	40.34	45.26	52.30
10000	17.33	26.54	32.78	35.00	38.12	39.86	43.66	47.41	52.43	61.44
PHP	34.24	54.10	63.54	69.42	75.44	80.71	90.35	100.73	117.83	130.49
MEAN	5.465	8.240	9.812	10.447	11.407	12.945	14.811	16.514	19.264	21.445
CLOCK HR. CON.	1.140	1.170	1.040	1.020	1.110	1.100	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.145	1.473	1.588	1.775	1.910	1.911	1.735	1.447	1.222	1.501
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
KURTOSIS	4.536	6.142	6.964	6.171	8.049	9.141	8.564	6.337	4.935	6.194
N	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1946	1965	1965	1965	1965	1965	1965	1965	1965	1974
RECORD MAXIMUM	9.440	18.100	22.960	26.140	28.490	31.570	34.970	36.770	40.430	46.040
NORMALIZED MAX	2.768	3.165	3.426	3.725	3.763	3.400	3.402	3.505	3.175	3.402
CALC. COEF. VAR	.313	.387	.391	.378	.382	.368	.349	.350	.346	.317
REGION. COEF. VAR	.351	.371	.365	.360	.358	.349	.340	.341	.339	.335
USED COEF. VAR	.351	.371	.365	.360	.358	.349	.340	.341	.339	.335
MEAN/A	.0647	.1476	.1163	.1283	.1411	.1534	.1755	.1936	.2283	.2541
HP10/A	.0952	.1481	.1731	.1906	.2084	.2251	.2554	.2845	.3317	.3692
HP25/A	.1117	.1740	.2048	.2241	.2448	.2627	.2950	.3282	.3792	.4257
HP50/A	.1235	.1942	.2277	.2491	.2704	.2894	.3245	.3588	.4114	.4654
RP100/A	.1340	.2139	.2452	.2617	.2861	.3151	.3549	.3946	.4531	.5080
RP1100/A	.1709	.2771	.3206	.3447	.3754	.3959	.4373	.4781	.5362	.5916
RP10000/A	.2053	.3381	.3883	.4147	.4517	.4722	.5173	.5616	.6212	.6779
PHP/A	.4056	.6409	.7527	.8225	.8944	.9562	1.0704	1.1934	1.3369	1.5660

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N OPER SUB F00 1357 0	STATION NAME GASQUET HANGER STATION	ELEV 364	SEC 21	TWP 17N	RNG LOT 42E	HMM A	LATITUDE 41-06.7	LONGITUDE 123-94.7	COUNTY 08	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	7.59	11.36	11.77	12.47	13.40	15.49	17.22	18.95	21.80	24.72
5	10.23	14.23	15.07	15.58	16.78	20.24	22.87	24.98	28.62	32.72
10	11.92	16.41	17.88	19.13	20.24	23.50	26.38	28.77	32.91	37.60
20	13.49	19.26	21.52	23.31	24.86	26.50	29.50	32.07	36.52	42.01
25	13.98	21.62	22.34	24.17	25.76	27.42	30.57	33.11	37.62	43.36
40	14.22	21.61	24.04	24.54	26.21	29.33	32.59	35.21	39.85	46.12
50	15.46	22.35	24.83	26.16	28.51	30.21	33.53	36.14	40.87	47.39
100	16.80	24.62	27.25	29.27	31.15	32.90	36.36	39.11	43.92	51.23
200	18.28	26.44	29.62	31.71	33.74	35.40	39.09	41.95	46.84	54.93
1000	21.40	31.69	34.96	37.19	39.54	41.33	45.18	48.20	53.21	63.10
10000	25.70	38.91	42.35	44.73	47.53	49.30	53.44	56.84	61.62	74.17
PHP	50.78	73.75	82.69	86.72	94.12	99.82	110.59	120.34	136.49	157.45
MEAN	8.106	11.234	12.678	13.463	14.844	16.010	18.130	19.731	22.667	25.875
CLOCK HR. CON.	1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.143	.762	.656	.690	.561	.529	.580	.489	.435	.570
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.700
KURTOSIS	8.632	3.375	3.687	3.653	3.522	2.974	2.733	2.357	2.658	3.374
N	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1949	1951	1951	1951	1951	1951	1949	1949	1949	1974
RECORD MAXIMUM	18.700	19.440	22.090	24.180	25.830	26.100	28.210	30.230	36.510	43.200
NORMALIZED MAX	2.068	1.884	2.272	2.370	2.352	2.220	1.930	1.842	1.994	2.234
CALC. COEF. VAR	.490	.368	.327	.313	.315	.284	.288	.269	.297	.235
REGION. COEF. VAR	.381	.371	.365	.360	.356	.349	.340	.340	.341	.339
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339
MEAN/A	.0794	.1101	.1242	.1358	.1454	.1568	.1774	.1933	.2219	.2535
HP10/A	.1168	.1647	.1859	.2014	.2149	.2302	.2585	.2811	.3224	.3683
HP25/A	.1370	.1961	.2189	.2369	.2524	.2687	.2995	.3243	.3686	.4247
HP50/A	.1515	.2169	.2423	.2613	.2745	.2888	.3265	.3589	.4043	.4568
RP100/A	.1654	.2412	.2670	.2867	.3052	.3223	.3562	.3833	.4303	.5019
RP1100/A	.2097	.3124	.3425	.3643	.3874	.4044	.4426	.4722	.5211	.6182
RP10000/A	.2518	.3812	.4149	.4382	.4656	.4829	.5236	.5548	.6037	.7262
PHP/A	.4375	.7225	.8062	.8692	.9221	.9770	1.0834	1.1791	1.3567	1.5424

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB FOO 4202 0	STATION NAME IDLEWILD	ELEV 1250	SEC 06	TWP 17N	RNG LOT 04E 0	RWM M	LATITUDE 41.900	LONGITUDE 123.770	COUNTY 98												
PRECIPITATION DPTH-DURATION-FREQUENCY TABLE																					
RETURN PERIOD IN YEARS																					
	10	20	30	40	50	60	80	100	150	200	300	600									
2	5.73	8.25	9.92	11.05	11.89	12.45	14.97	18.56	19.42	21.49	26.12	39.78									
5	7.72	11.34	13.54	14.94	16.07	17.23	19.89	21.94	25.59	28.45	34.36	52.46									
10	8.99	13.40	15.91	17.52	18.76	20.00	22.94	25.22	29.21	32.70	39.30	60.06									
20	10.18	15.35	18.13	19.89	21.26	22.65	25.72	28.18	32.42	36.53	43.73	66.86									
25	10.55	15.96	18.82	20.81	22.04	23.34	26.58	29.04	33.40	37.70	45.07	68.93									
50	10.73	17.22	20.26	22.96	24.42	25.94	29.34	30.94	35.37	40.10	47.81	73.14									
100	11.66	17.81	21.92	24.82	26.38	27.91	31.45	31.81	36.28	41.21	49.08	75.09									
120	12.74	19.22	22.96	26.45	28.00	29.61	31.41	34.34	38.94	44.55	52.87	80.92									
200	13.79	21.39	24.96	27.83	29.86	30.72	33.99	36.86	41.59	47.77	56.51	86.51									
1000	16.15	25.41	29.46	31.70	33.83	35.17	39.24	42.36	47.22	54.88	64.44	98.79									
10000	19.39	31.01	35.69	39.13	40.66	41.94	44.77	49.77	54.71	64.65	75.18	115.21									
PMP	35.31	58.74	69.17	75.64	80.51	84.96	96.16	105.76	122.94	136.92	163.71	251.33									
MEAN										6.115	8.953	10.693	11.810	12.649	13.624	15.763	17.338	20.165	22.561	27.171	41.405
CLOCK HR. COR.										1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW										1.248	1.366	1.427	1.381	1.436	1.422	1.138	1.078	1.756	1.700	1.785	3.368
REGIONAL SKEW										1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED										1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS										4.965	5.249	5.583	5.814	5.960	6.229	5.282	4.509	3.501	3.974	3.564	2.836
N										26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR										1965	1951	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM										10.700	18.220	22.050	25.050	27.050	29.050	32.780	34.58	37.960	42.960	49.020	67.580
NORMALIZED MAX										2.072	2.407	2.590	2.835	2.976	3.095	3.029	2.764	2.511	2.690	2.473	2.151
CALC. COEF. VAR										0.362	0.431	0.411	0.395	0.386	0.386	0.356	0.30	0.359	0.338	0.325	0.294
REGION. COEF. VAR										0.351	0.371	0.365	0.360	0.359	0.349	0.340	0.34	0.341	0.339	0.335	0.331
USED COEF. VAR										0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338
MEAN/A										0.712	1.143	1.244	1.377	1.479	1.587	1.836	2.020	2.342	2.621	3.165	4.823
RP10/A										1.048	1.561	1.893	2.041	2.186	2.330	2.672	2.937	3.403	3.689	4.579	6.996
RP25/A										1.220	1.859	2.193	2.401	2.567	2.719	3.097	3.388	3.891	4.392	5.525	8.029
RP50/A										1.353	2.175	2.495	2.695	2.844	2.994	3.396	3.700	4.226	4.801	5.717	8.457
RP100/A										1.484	2.295	2.675	2.966	3.105	3.262	3.683	4.005	4.592	5.300	6.159	9.426
RP1000/A										1.881	2.610	3.32	3.633	3.841	4.007	4.576	4.934	5.501	6.393	7.513	11.508
RP10000/A										2.259	3.812	4.157	4.442	4.737	4.887	5.413	5.797	6.373	7.569	8.757	13.421
PMP/A										4.663	6.647	8.058	8.811	9.379	9.947	11.201	12.322	14.322	15.950	19.070	29.277

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F10 5424 0	STATION NAME HEUFORD NWS OREGON	ELEV 1310	SEC 06	TWP 17N	RNG LOT 04E 0	RWM M	LATITUDE 42.333	LONGITUDE 122.850	COUNTY 61													
PRECIPITATION DPTH-DURATION-FREQUENCY TABLE																						
RETURN PERIOD IN YEARS																						
	10	20	30	40	50	60	80	100	150	200	300	600	3650									
2	1.91	2.50	2.96	3.20	3.47	3.70	3.99	4.35	4.91	5.39	6.51	9.17	20.58									
5	2.57	3.44	3.91	4.34	4.64	4.96	5.30	5.76	6.46	7.14	8.56	12.10	28.53									
10	2.99	4.06	4.59	5.07	5.44	5.76	6.12	6.62	7.38	8.21	9.79	13.85	28.34									
20	3.39	4.65	5.23	5.75	6.21	6.50	6.86	7.40	8.19	9.17	10.89	15.42	30.78									
25	3.61	4.84	5.43	5.96	6.43	6.72	7.09	7.64	8.44	9.46	11.23	15.89	31.51									
40	3.77	5.22	5.85	6.07	6.54	7.19	7.56	8.12	8.93	10.06	11.91	16.87	32.98									
50	3.88	5.40	6.04	6.40	7.12	7.41	7.88	8.35	9.16	10.34	12.23	17.31	33.64									
100	4.24	5.95	6.63	7.22	7.78	8.07	8.43	9.03	9.85	11.18	13.17	18.66	35.63									
200	4.59	6.49	7.21	7.82	8.42	8.70	9.07	9.68	10.50	11.99	14.06	19.95	37.51									
1000	5.34	7.71	8.50	9.18	9.87	10.13	10.48	11.12	11.93	13.77	16.07	22.78	41.53									
10000	6.46	9.41	10.39	11.04	11.87	12.09	12.40	13.07	13.82	16.18	19.73	26.57	46.76									
PMP	12.76	17.83	19.97	21.89	23.50	24.47	25.65	27.77	31.05	34.36	40.78	57.95	105.16									
MEAN										2.036	2.716	3.084	3.421	3.706	3.925	4.205	4.553	5.078	5.667	6.769	9.547	20.949
CLOCK HR. COR.										1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW										1.832	0.979	1.155	1.182	1.097	1.009	0.919	0.789	0.741	0.714	0.850	0.832	0.288
REGIONAL SKEW										1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USED										1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOSIS										3.104	3.814	4.552	4.653	4.497	4.256	4.347	4.599	4.737	4.958	5.144	3.810	4.200
N										20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR										1963	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM										3.300	5.100	6.110	7.040	7.780	7.970	8.630	9.280	10.320	11.690	13.820	18.680	34.470
NORMALIZED MAX										1.500	1.954	2.148	2.280	2.431	2.395	2.590	2.609	2.693	2.749	2.824	2.834	2.340
CALC. COEF. VAR										0.414	0.449	0.457	0.464	0.456	0.436	0.422	0.401	0.396	0.379	0.379	0.395	0.275
REGION. COEF. VAR										0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR										0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
MEAN/A										0.6972	1.296	1.472	1.633	1.769	1.874	2.007	2.173	2.424	2.696	3.231	4.557	1.0000
RP10/A										1.149	1.940	2.193	2.421	2.614	2.750	2.921	3.161	3.522	3.917	4.674	6.610	1.4529
RP25/A										1.177	2.054	2.254	2.487	2.670	2.810	3.085	3.307	3.677	4.077	4.917	7.587	1.6539
RP50/A										1.1854	2.079	2.283	2.521	2.697	2.836	3.112	3.386	3.734	4.137	5.036	8.264	1.6050
RP100/A										1.2025	2.081	2.315	2.447	2.713	2.850	3.026	3.309	3.701	4.137	5.037	8.267	1.7009
RP1000/A										1.2566	2.360	2.600	2.880	3.173	3.437	3.802	4.309	4.901	5.674	7.669	11.073	1.9825
RP10000/A										1.3081	2.490	2.818	3.168	3.566	3.838	4.217	4.738	5.393	6.173	8.459	12.641	2.2320
PMP/A										6.089	8.510	9.753	11.451	12.216	12.683	14.244	15.256	17.483	19.663	24.666	37.663	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F10 5941 0	STATION NAME MT MERRON R S	ELEV 4250	SEC 32	TWP 44N	RNG LOT N1W	HHH M	LATITUDE 41.783	LONGITUDE 122.000	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.44	1.72	1.89	1.98	2.09	2.17	2.37	2.50	2.76	2.94	3.52	5.09	17.25
5	1.99	2.37	2.58	2.69	2.82	2.92	3.15	3.31	3.63	3.90	4.63	6.71	15.20
10	2.32	2.80	3.03	3.15	3.31	3.39	3.63	3.81	4.14	4.48	5.29	7.68	16.87
20	2.63	3.20	3.45	3.57	3.73	3.82	4.07	4.25	4.60	5.00	5.89	8.55	18.32
25	2.72	3.33	3.58	3.70	3.87	3.95	4.21	4.39	4.74	5.16	6.07	8.82	18.75
40	2.77	3.60	3.85	3.76	3.94	4.23	4.49	4.67	5.02	5.49	6.44	9.36	19.83
50	3.10	3.72	3.94	4.05	4.20	4.35	4.62	4.80	5.15	5.64	6.61	9.62	20.03
100	3.29	4.10	4.37	4.48	4.68	4.74	5.01	5.19	5.53	6.10	7.12	10.35	21.21
200	3.56	4.47	4.73	4.85	5.07	5.12	5.34	5.56	5.90	6.54	7.61	11.07	22.32
400	4.18	5.31	5.60	5.69	5.94	5.95	6.22	6.39	6.70	7.51	8.68	12.64	24.72
1000	5.00	6.44	6.79	6.84	7.14	7.16	7.36	7.51	7.78	8.53	10.12	14.74	27.83
PHF	9.88	12.27	13.18	13.58	14.14	14.38	15.22	15.45	17.44	18.75	22.04	32.15	62.59
MEAN	1.577	1.470	2.333	2.121	2.231	2.307	2.496	2.615	2.853	3.041	3.659	5.297	12.469
CLOCK HR. COR.	1.140	1.770	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.615	1.492	1.018	1.555	1.470	1.385	1.050	.993	.883	.855	.823	.384	-0.053
REGIONAL SKEW	1.100	1.308	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.308	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	2.677	6.000	7.479	7.655	6.194	5.823	5.092	5.074	5.151	5.381	5.277	3.335	3.006
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	2.560	5.150	5.880	6.010	6.130	6.160	6.340	6.37	6.490	7.100	7.970	10.310	20.050
NORMALIZED MAX	1.565	2.914	3.122	3.155	3.338	3.468	3.710	3.880	4.082	4.290	2.912	3.380	1.954
CALC. COEF. VAR	.563	.602	.581	.576	.561	.535	.500	.467	.447	.447	.400	.350	.300
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	1.214	1.500	1.620	1.701	1.784	1.850	2.002	2.097	2.288	2.471	2.934	4.248	1.0000
NP10/A	1.1860	1.2944	1.2538	1.2522	1.2843	1.2715	1.2913	1.3050	1.3241	1.3591	1.4245	1.6162	1.1529
NP25/A	1.2142	1.2672	1.2872	1.2986	1.3104	1.3169	1.3374	1.3510	1.3600	1.3811	1.4667	1.7071	1.5039
NP50/A	1.2412	1.2943	1.3193	1.3284	1.3435	1.3491	1.3702	1.3847	1.3928	1.4208	1.5300	1.7703	1.6080
NP100/A	1.2535	1.3286	1.3504	1.3592	1.3754	1.3802	1.4014	1.4159	1.4437	1.4943	1.5710	1.8302	1.7009
NP1000/A	1.3340	1.4258	1.4495	1.4563	1.4765	1.4776	1.4988	1.5124	1.5374	1.6027	1.6965	1.0135	1.9425
NP10000/A	1.6011	1.5193	1.5445	1.5489	1.5727	1.5696	1.5900	1.6020	1.6229	1.6800	1.8118	1.1820	2.2320
PHF/A	1.7225	1.9844	1.9555	1.9188	1.9341	1.9355	1.9209	1.9294	1.9390	1.9537	1.9879	2.5764	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F20 1316 0	STATION NAME CALLAHAN RS	ELEV 3130	SEC 21	INP 40N	LOT 08W	HHH N	LATITUDE 41.300	LONGITUDE 122.680	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.37	3.01	3.36	3.66	3.94	4.30	4.76	5.14	5.76	6.28	7.42	10.47	21.38
5	3.18	4.14	4.59	4.96	5.40	5.76	6.32	6.81	7.59	8.31	9.77	13.81	26.54
10	3.71	4.89	5.39	5.80	6.30	6.69	7.29	7.83	8.67	9.55	11.17	15.81	29.45
20	4.20	5.60	6.14	6.58	7.14	7.54	8.18	8.75	9.82	10.67	12.43	17.60	31.99
25	4.35	5.83	6.38	6.82	7.40	7.61	8.45	9.03	9.91	11.01	12.81	18.14	32.74
40	4.43	6.29	6.86	6.94	7.53	8.35	9.01	9.61	10.50	11.71	13.59	19.25	34.27
50	4.81	6.51	7.09	7.55	8.19	8.60	9.26	9.88	10.77	12.04	13.95	19.76	34.97
100	5.26	7.16	7.78	8.26	8.95	9.36	10.05	10.68	11.57	13.01	15.03	21.30	37.03
200	5.69	7.81	8.46	8.95	9.70	10.11	10.80	11.45	12.34	13.95	16.06	22.77	38.98
1000	6.67	9.28	9.98	10.50	11.36	11.76	12.48	13.16	14.01	16.03	18.33	26.00	43.16
10000	8.00	11.32	12.09	12.63	14.06	14.03	14.77	15.46	16.23	18.83	21.36	30.32	48.59
PHF	15.82	21.46	23.44	25.04	27.05	28.41	30.56	32.85	36.48	39.99	46.52	66.14	109.29
MEAN	2.524	3.264	3.621	3.913	4.266	4.557	5.010	5.385	5.966	6.572	7.722	10.897	21.772
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.789	1.879	1.977	1.991	1.785	1.778	1.683	1.774	1.575	1.604	1.528	1.603	1.343
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	6.538	7.563	8.329	8.219	6.437	6.670	7.247	6.937	6.848	7.293	6.020	3.059	2.941
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	4.930	7.510	9.260	9.980	10.640	11.280	11.910	12.222	13.200	14.630	15.940	19.480	36.500
NORMALIZED MAX	2.292	2.933	3.197	3.003	3.053	3.076	3.179	3.080	3.139	3.211	2.686	2.153	2.266
CALC. COEF. VAR	.416	.442	.487	.516	.489	.480	.433	.412	.386	.382	.369	.366	.298
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	1.159	1.502	1.663	1.797	1.959	2.093	2.301	2.473	2.740	3.018	3.547	5.005	1.0000
NP10/A	1.1705	1.2247	1.2497	1.2695	1.2877	1.3072	1.3381	1.3597	1.3981	1.4366	1.5130	1.7260	1.3529
NP25/A	1.2000	1.2676	1.2930	1.3134	1.3401	1.3585	1.3880	1.4149	1.4552	1.5058	1.5883	1.8332	1.6039
NP50/A	1.2211	1.2987	1.3257	1.3470	1.3763	1.3950	1.4255	1.4536	1.4945	1.5529	1.6406	1.9077	1.6080
NP100/A	1.2416	1.3290	1.3575	1.3795	1.4113	1.4301	1.4615	1.4904	1.5314	1.5977	1.6901	1.9782	1.7009
NP1000/A	1.3081	1.4262	1.4586	1.4721	1.5220	1.5403	1.5734	1.6042	1.6436	1.7062	1.8181	1.1942	1.9525
NP10000/A	1.3877	1.5200	1.5555	1.5709	1.6274	1.6444	1.6783	1.7099	1.7456	1.8648	1.9813	1.1927	2.2320
PHF/A	1.7284	1.9858	1.9768	1.9503	1.9243	1.9300	1.9306	1.9507	1.9758	1.9367	2.1369	3.0381	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F20 2899 0	STATION NAME F2NA	FLV 2Y12	SEC 28	TWP 42N	RNG LOT 09W	H4 M	LATITUDE 41.407	LONGITUDE 122.900	COUNTY CODE 47	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.74	3.75	4.56	5.15	5.41	5.72	6.28	7.01	8.03	9.04
5	4.40	5.15	6.22	6.99	7.31	7.67	8.34	9.28	10.57	11.44
10	6.08	6.97	8.33	9.26	9.67	10.04	10.78	11.92	13.49	14.49
25	8.64	7.24	8.65	9.80	10.02	10.39	11.14	12.38	13.80	15.16
40	5.13	7.82	9.31	9.77	10.20	11.11	11.88	13.09	14.62	16.12
50	4.57	6.08	9.62	10.43	11.09	11.45	12.22	13.45	14.99	16.57
100	6.04	8.90	10.56	11.63	12.12	12.44	13.25	14.54	16.11	17.91
400	6.69	9.71	11.47	12.60	13.13	13.44	14.25	15.59	17.18	19.20
1000	7.71	11.53	13.54	14.77	15.34	15.66	16.47	17.92	19.51	22.06
10000	9.26	14.07	16.40	17.77	18.44	18.68	19.48	21.05	22.60	25.92
PMP	18.35	26.69	31.60	34.29	36.62	37.42	40.31	44.74	50.80	55.95
MEAN	2.922	4.064	4.911	5.500	5.775	6.064	6.609	7.335	8.367	9.046
CLOCK HR. COR.	1.140	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATE SKEW	2.170	2.244	1.964	1.218	1.147	1.088	1.585	1.422	1.035	1.234
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.700
KURTOSIS	10.430	10.952	8.074	5.848	5.552	6.003	7.767	7.504	5.586	6.111
N	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	6.410	10.700	12.440	13.490	13.680	14.730	16.730	17.42	18.870	20.870
NORMALIZED MAX	2.454	3.259	3.126	2.413	2.919	2.949	3.274	3.224	2.865	2.964
CALC. COEF. VAR	.481	.501	.494	.473	.469	.477	.468	.448	.440	.388
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.339	.335
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.339	.335
MEAN/A	.1070	.1488	.1799	.2017	.2116	.2222	.2421	.2686	.3042	.3313
RP10/A	.1574	.2228	.2679	.2991	.3126	.3221	.3522	.3907	.4421	.4814
RP25/A	.1864	.2652	.3169	.3571	.3671	.3805	.4182	.4507	.5054	.5552
RP50/A	.2061	.2961	.3523	.3894	.4082	.4193	.4476	.4922	.5690	.6063
RP100/A	.2229	.3281	.3866	.4259	.4440	.4585	.4854	.5327	.6301	.6581
RP1000/A	.2825	.4225	.4960	.5419	.5630	.5735	.6032	.6563	.7146	.8081
RP10000/A	.3393	.5155	.6008	.6509	.6774	.6840	.7135	.7711	.8279	.9492
PMP/A	.6704	.9771	1.1646	1.2910	1.3413	1.3452	1.4765	1.6387	1.8605	2.0162

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F20 5785 0	STATION NAME MONTAGUE 3 NE	FLV 2840	SEC 18	TWP 45N	RNG LOT 05W	H4 M	LATITUDE 41.750	LONGITUDE 122.467	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.27	1.56	1.74	1.88	1.96	2.09	2.26	2.44	2.83	3.12	3.76	5.14	11.87
5	1.71	2.15	2.38	2.56	2.64	2.80	3.00	3.24	3.73	4.13	4.95	6.78	17.43
10	1.99	2.54	2.79	2.99	3.10	3.25	3.46	3.72	4.26	4.75	5.67	7.74	19.35
25	2.25	2.91	3.18	3.39	3.51	3.66	3.88	4.16	4.73	5.31	6.30	8.63	17.76
40	2.33	3.02	3.30	3.51	3.64	3.79	4.01	4.29	4.87	5.48	6.50	9.40	18.18
50	2.37	3.26	3.56	3.57	3.70	4.05	4.28	4.57	5.16	5.83	6.89	9.45	19.02
100	2.58	3.37	3.67	3.89	4.03	4.18	4.40	4.69	5.29	5.95	7.07	9.70	19.41
200	2.82	3.71	4.03	4.25	4.40	4.55	4.77	5.07	5.69	6.47	7.62	10.45	20.56
400	3.05	4.05	4.38	4.61	4.77	4.91	5.13	5.44	6.06	6.94	8.15	11.17	21.64
1000	3.57	4.81	5.17	5.41	5.59	5.71	5.93	6.25	6.89	7.90	9.30	12.76	23.86
10000	4.29	5.87	6.26	6.50	6.71	6.92	7.01	7.35	7.98	9.37	10.88	14.68	26.97
PMP	8.47	11.13	12.14	12.90	13.29	13.80	14.52	15.61	17.93	19.90	23.62	32.46	60.67
MEAN	1.352	1.695	1.875	2.015	2.097	2.214	2.380	2.559	2.932	3.270	3.917	5.348	12.085
CLOCK HR. COR.	1.140	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATE SKEW	1.125	.815	.806	.795	.765	.768	.970	.974	.710	.575	.554	.355	.058
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.400	.000
KURTOSIS	4.984	3.870	3.395	3.480	3.561	3.920	3.772	3.704	3.097	2.800	2.591	2.484	2.677
N	73	73	73	73	73	73	73	73	73	73	73	73	73
RECORD YEAR	1930	1965	1965	1965	1965	1965	1906	1906	1906	1927	1927	1956	1904
RECORD MAXIMUM	2.610	3.610	4.060	4.480	4.670	4.960	5.470	5.85	6.630	7.060	8.10	10.230	21.710
NORMALIZED MAX	2.547	2.817	2.804	2.948	3.030	3.110	3.039	2.945	2.903	2.746	2.327	2.460	2.460
CALC. COEF. VAR	.315	.401	.349	.315	.309	.312	.321	.338	.419	.434	.422	.425	.392
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.260
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.1119	.1402	.1552	.1667	.1735	.1832	.1969	.2117	.2426	.2705	.3241	.4415	1.0000
RP10/A	.1646	.2099	.2311	.2472	.2563	.2688	.2865	.3079	.3526	.3931	.4688	.6428	1.3529
RP25/A	.1930	.2499	.2734	.2907	.3011	.3137	.3320	.3552	.4031	.4533	.5566	.7508	1.5039
RP50/A	.2134	.2799	.3039	.3219	.3331	.3457	.3641	.3883	.4379	.4955	.5854	.8024	1.6060
RP100/A	.2331	.3073	.3335	.3520	.3641	.3764	.3949	.4199	.4706	.5357	.6306	.8648	1.7009
RP1000/A	.2954	.3981	.4279	.4472	.4622	.4728	.4907	.5173	.5699	.6598	.7692	1.0557	1.9809
RP10000/A	.3588	.4857	.5183	.5330	.5555	.5639	.5804	.6061	.6803	.7751	.8966	1.2112	2.3200
PMP/A	.7018	.9207	1.0047	1.0671	1.1000	1.1420	1.2011	1.2616	1.4838	1.6662	1.9525	2.6858	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB F20 0466 0	STATION NAME YNEKA	ELEV 159	SEC 0931	TWP 27	RNG LOT 45N 07W	HMM M	LATITUDE 41.717	LONGITUDE 122.633	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.79	2.24	2.53	2.83	3.02	3.25	3.56	3.74	4.37	4.70	5.48	7.60	17.22
5	2.42	3.08	3.45	3.84	4.06	4.36	4.70	4.95	5.76	6.22	7.21	10.02	21.37
10	3.02	3.84	4.06	4.49	4.77	5.05	5.42	5.69	6.58	7.14	8.24	11.47	23.72
20	3.19	4.17	4.62	5.03	5.40	5.70	6.08	6.36	7.30	7.98	9.17	12.77	25.76
25	3.30	4.34	4.80	5.28	5.60	5.90	6.28	6.57	7.52	8.24	9.45	13.17	26.37
40	3.36	4.48	5.16	5.37	5.70	6.31	6.70	6.96	7.96	8.76	10.03	13.97	27.60
50	3.54	4.84	5.34	5.45	5.70	6.31	6.70	6.96	7.96	8.76	10.30	14.34	28.16
100	3.49	5.34	5.86	6.39	6.77	7.08	7.47	7.76	8.76	9.73	11.09	15.46	29.83
200	4.32	5.82	6.36	6.93	7.33	7.66	8.03	8.32	9.36	10.44	11.85	16.53	31.40
1000	5.06	6.91	7.51	8.13	8.60	8.99	9.28	9.56	10.63	11.99	13.53	19.87	34.77
10000	6.47	8.43	9.10	9.77	10.13	10.60	11.23	12.32	14.09	15.77	22.01	39.14	
PMF	12.00	15.99	17.64	19.39	20.46	21.47	22.72	23.88	27.68	29.92	34.34	48.01	88.03

MEAN	1.914	2.435	2.724	3.029	3.227	3.443	3.725	3.914	4.527	4.916	5.700	7.910	17.537
CLOCK HR. COR.	1.140	1.270	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.336	1.423	1.563	1.475	1.371	1.291	1.144	1.134	1.032	0.841	0.598	0.356	0.346
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.700	0.700	0.400

KURTOSIS	6.166	6.343	6.981	6.114	5.871	5.170	4.791	5.923	4.674	4.309	3.269	2.583	2.357
N	61	61	61	61	61	61	61	61	61	61	61	60	60
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1970	1956
RECORD MAXIMUM	4.570	6.430	6.070	6.780	9.250	4.600	10.080	10.780	12.020	12.480	13.340	15.970	29.290
NORMALIZED MAX	1.122	3.631	3.913	3.762	3.751	3.553	3.578	3.706	3.683	3.578	3.136	2.577	2.184
CALC. COEF. VAR	0.497	0.497	0.502	0.498	0.498	0.477	0.473	0.469	0.441	0.427	0.399	0.323	0.323
REGN. COEF. VAR	0.351	0.371	0.365	0.360	0.350	0.349	0.340	0.341	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR	0.351	0.371	0.365	0.360	0.350	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268

MEAN/A	1.092	1.384	1.553	1.727	1.844	1.963	2.124	2.232	2.581	2.803	3.250	4.510	10.000
RP10/A	1.007	1.278	1.233	1.256	1.271	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP25/A	1.007	1.278	1.233	1.256	1.271	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP50/A	1.007	1.278	1.233	1.256	1.271	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP100/A	1.007	1.278	1.233	1.256	1.271	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP1000/A	1.007	1.278	1.233	1.256	1.271	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
PMF/A	1.007	1.278	1.233	1.256	1.271	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE				
F30 1614 0	CECILVILLE SE	2900	12	37N 11W	M	40.110	123.050	47					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.35	4.48	5.40	6.20	6.76	7.16	7.88	8.66	9.90	10.71	13.04	19.95	39.78
5	4.51	6.16	7.37	8.41	9.13	9.80	10.47	11.45	13.04	14.18	17.14	26.31	49.37
10	5.25	7.28	8.66	9.44	10.66	11.15	12.07	13.10	14.89	16.30	19.60	30.12	54.80
20	5.95	8.33	9.87	11.16	12.04	12.57	13.54	14.70	16.52	18.21	21.81	33.53	59.50
25	6.16	8.66	10.25	11.25	12.53	13.01	13.99	15.16	17.02	18.79	22.48	34.57	60.91
40	6.27	9.35	11.02	11.77	12.74	13.91	14.32	16.15	18.03	19.99	23.85	36.69	63.75
50	6.81	9.67	11.39	12.81	13.86	14.33	15.34	16.59	18.49	20.54	24.48	37.66	65.05
100	7.44	10.65	12.50	14.00	15.15	15.61	16.64	17.94	19.87	22.21	26.37	40.59	68.89
200	8.05	11.62	13.58	15.17	16.41	16.84	17.89	19.24	21.19	23.91	28.18	43.39	72.51
1000	9.43	13.60	16.03	17.79	19.23	19.61	20.67	22.11	24.06	27.35	32.17	49.55	80.30
10000	11.32	16.84	19.42	21.40	23.11	23.39	24.46	25.47	27.88	32.13	37.49	57.78	90.40
PMF	22.38	31.92	37.65	42.45	46.77	47.36	50.61	55.19	62.65	68.25	81.65	126.05	203.33

MEAN	3.571	4.862	5.815	6.633	7.214	7.595	8.297	9.047	10.245	11.216	13.552	20.767	40.503
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.064	1.699	1.238	1.143	1.034	0.934	0.824	0.714	0.604	0.504	0.404	0.304	0.204
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.400	0.700	0.700	0.400

KURTOSIS	9.020	3.062	2.246	2.694	2.755	2.960	2.998	2.916	2.732	3.119	2.570	2.445	2.407
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1964	1964	1963	1963	1963	1963	1966	1956	1970	1970	1956	1970	1952
RECORD MAXIMUM	9.020	9.100	9.290	12.390	12.810	13.460	14.427	15.320	17.610	19.350	32.370	61.600	61.600
NORMALIZED MAX	1.122	1.923	1.488	1.063	1.143	1.158	1.199	1.195	1.647	1.704	1.508	1.772	1.798
CALC. COEF. VAR	0.553	0.453	0.402	0.421	0.398	0.394	0.370	0.339	0.346	0.335	0.284	0.321	0.290
REGN. COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268

MEAN/A	0.082	1.200	1.436	1.638	1.782	1.875	2.048	2.234	2.529	2.769	3.346	5.127	1.0000
RP10/A	0.197	1.179	1.218	1.240	1.263	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP25/A	0.197	1.179	1.218	1.240	1.263	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP50/A	0.197	1.179	1.218	1.240	1.263	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP100/A	0.197	1.179	1.218	1.240	1.263	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
RP1000/A	0.197	1.179	1.218	1.240	1.263	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235
PMF/A	0.197	1.179	1.218	1.240	1.263	1.282	1.282	1.282	1.281	1.274	1.261	1.243	1.235

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F30 3761 0	STATION NAME HAPPY CAMP	ELEV 1090	SEC 11	TWP 16N	RNG LOT 07E	HMM H	LATITUDE 41.8°0	LONGITUDE 123.363	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.68	5.04	6.13	7.07	7.83	8.49	9.59	10.76	12.98	14.44	17.19	26.06	52.86
5	4.88	6.92	8.37	9.59	10.54	11.39	12.74	14.26	17.09	19.38	23.40	34.36	65.55
10	5.66	8.18	9.84	11.20	12.35	13.22	14.65	16.39	19.52	22.27	26.77	39.34	72.81
20	6.18	9.37	11.21	12.71	14.00	14.91	16.47	18.32	21.66	24.88	29.78	43.79	79.06
25	6.40	9.74	11.64	13.18	14.51	15.43	17.02	19.11	22.31	25.68	30.70	45.15	80.94
40	6.51	10.51	12.52	13.40	14.76	15.50	17.15	20.11	23.63	27.32	32.57	47.91	84.71
50	7.08	10.87	12.94	14.59	16.06	16.80	18.67	21.66	24.24	28.07	33.43	48.43	86.43
100	7.73	11.97	14.20	15.95	17.55	18.51	20.25	22.35	26.05	30.35	36.01	53.00	91.54
200	8.17	13.06	15.43	17.28	19.00	19.97	21.77	23.94	27.78	32.54	38.49	56.66	96.35
1000	9.40	15.51	18.21	20.27	22.17	23.25	25.16	27.53	31.55	37.38	43.93	64.70	106.69
10000	11.77	18.92	22.06	24.38	26.77	27.73	29.76	32.35	36.55	43.91	51.20	75.46	120.11
PMP	23.25	35.87	42.76	48.36	53.01	56.16	61.58	68.75	82.13	93.26	111.50	164.62	270.18
MEAN	3.710	5.464	6.604	7.556	8.361	9.008	10.096	11.270	13.431	15.327	18.506	27.119	53.816
CLOCK HR. COR.	1.140	1.970	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.765	1.157	1.156	1.085	.876	.819	.475	.531	.782	.784	.681	.547	.391
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.299	4.315	4.040	4.357	3.863	3.724	3.011	3.274	3.465	4.540	3.028	2.674	2.988
N	38	34	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1951	1951	1951	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	5.350	10.340	12.540	14.080	15.680	16.780	18.570	21.050	26.040	32.210	35.140	48.370	87.130
NORMALIZED MAX	1.559	2.634	2.882	2.710	2.699	2.667	2.563	2.533	2.563	3.141	2.584	2.195	2.261
CALC. COEF. VAR	.284	.339	.335	.316	.324	.324	.328	.330	.353	.346	.350	.357	.274
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.341	.339	.335	.338	.268
MEAN/A	.0649	.1015	.1227	.1404	.1554	.1674	.1876	.2094	.2496	.2848	.3439	.5039	1.0000
RP10/A	.1014	.1520	.1828	.2082	.2295	.2457	.2730	.3046	.3626	.4138	.4974	.7310	1.3529
RP25/A	.1189	.1809	.2162	.2468	.2687	.2861	.3163	.3513	.4146	.4772	.5784	.8389	1.5039
RP50/A	.1315	.2020	.2404	.2711	.2983	.3159	.3499	.3841	.4504	.5216	.6211	.9130	1.6060
RP100/A	.1436	.2225	.2638	.2964	.3261	.3439	.3762	.4153	.4840	.5639	.6692	.9849	1.7009
RP1000/A	.1420	.2882	.3384	.3766	.4139	.4321	.4675	.5116	.5862	.6846	.8162	1.2023	1.9825
RP10000/A	.2184	.3516	.4100	.4530	.4975	.5154	.5530	.6011	.6791	.8159	.9514	1.4022	2.3220
PMP/A	.4319	.6865	.7946	.8985	.9451	1.0436	1.1443	1.2775	1.5261	1.7330	2.0719	3.0589	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F30 4577 0	STATION NAME KLAMATH	ELEV 78	SEC 25	TWP 15	RNG LOT 13N 01E	HMM H	LATITUDE 41.517	LONGITUDE 124.033	COUNTY CODE 98				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.04	7.14	8.50	9.40	10.16	11.09	12.51	14.03	16.64	18.77	23.15	37.65	81.92
5	6.79	9.01	11.00	12.75	13.73	14.88	16.62	18.59	21.92	24.84	30.46	49.65	101.65
10	7.91	11.59	13.63	14.90	16.03	17.27	19.17	21.37	25.02	28.55	34.84	56.84	112.84
20	8.96	13.27	15.53	16.90	18.17	19.47	21.50	23.88	27.77	31.40	38.76	63.27	122.53
25	9.28	13.80	16.12	17.52	18.83	20.15	22.22	24.65	28.61	32.92	39.95	65.23	125.44
40	9.44	14.89	17.35	17.83	19.16	21.55	23.69	26.22	30.30	35.02	42.39	69.22	131.28
50	10.26	15.40	17.92	19.40	20.84	22.20	24.37	26.95	31.08	35.93	43.51	71.06	133.95
100	11.21	16.97	19.67	21.22	22.78	24.18	26.42	29.14	33.40	38.90	46.87	76.58	141.87
200	12.14	18.50	21.37	22.99	24.66	26.09	28.41	31.24	35.81	41.71	50.09	81.87	149.32
1000	14.21	21.98	25.23	26.96	28.91	30.37	32.83	35.90	40.45	47.92	57.17	93.49	165.35
10000	17.07	26.82	30.56	32.43	34.75	36.22	38.84	42.17	46.86	56.29	66.64	109.04	186.16
PMP	33.72	50.83	59.24	64.32	68.60	73.36	80.37	89.63	105.30	119.56	145.12	237.06	418.69
MEAN	5.382	7.743	9.149	10.050	10.852	11.765	13.175	14.693	17.221	19.648	24.086	39.108	83.405
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.989	1.109	.920	.673	.805	.874	.487	.479	.462	.390	.579	1.315	.047
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.800	.600	.800	.700	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.129	5.045	4.544	3.853	3.928	3.643	2.781	2.690	2.840	2.878	3.182	5.785	2.919
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1972	1972	1951	1951	1972	1972	1972	1972	1972	1970	1965	1965	1974
RECORD MAXIMUM	8.960	13.950	15.740	16.730	18.000	19.200	20.500	22.100	27.200	30.120	37.370	80.160	119.070
NORMALIZED MAX	1.991	2.528	2.582	2.418	2.471	2.500	2.322	2.036	2.188	2.105	2.364	3.941	2.199
CALC. COEF. VAR	.328	.317	.279	.260	.267	.250	.239	.248	.267	.253	.237	.312	.194
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0645	.0928	.1097	.1205	.1301	.1411	.1580	.1782	.2045	.2356	.2888	.4490	1.0000
RP10/A	.0949	.1390	.1697	.1787	.1922	.2071	.2299	.2562	.3000	.3423	.4177	.6815	1.3529
RP25/A	.1113	.1655	.1933	.2101	.2258	.2416	.2664	.2955	.3430	.3948	.4780	.7821	1.5039
RP50/A	.1231	.1847	.2140	.2326	.2498	.2662	.2921	.3231	.3728	.4315	.5216	.8520	1.6060
RP100/A	.1344	.2034	.2356	.2544	.2731	.2899	.3168	.3493	.4008	.4665	.5620	.9182	1.7009
RP1000/A	.2104	.2535	.3025	.3232	.3468	.3641	.3936	.4304	.4850	.5745	.6855	1.1210	1.9825
RP10000/A	.2048	.3213	.3664	.3888	.4166	.4343	.4637	.5057	.5818	.6749	.7990	1.3073	2.2320
PMP/A	.4043	.6095	.7103	.7712	.8249	.8795	.9836	1.0746	1.2628	1.4335	1.7399	2.8519	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F30 6328 0	STATION NAME OAK KNOLL RANGER STATION	ELEV 1963	SEC 12	TWP 46N	RNG LOT 09W	BWN M	LATITUDE 41.833	LONGITUDE 122.850	COUNTY CODE 47				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.07	2.89	3.63	4.04	4.36	4.68	5.17	5.82	6.69	7.28	8.35	12.84	26.33
5	2.78	3.97	4.95	5.47	5.89	6.27	6.86	7.71	8.81	9.64	10.98	16.93	32.68
10	3.24	4.70	5.62	6.40	6.88	7.28	7.92	8.87	10.06	11.08	12.56	19.38	36.27
20	3.67	5.38	6.63	7.26	7.79	8.21	8.86	9.91	11.16	12.38	13.97	21.57	39.39
25	3.81	5.59	6.88	7.52	8.08	8.50	9.17	10.23	11.50	12.78	14.40	22.24	40.32
40	3.87	6.03	7.40	7.66	8.22	8.69	9.78	10.88	12.18	13.59	15.28	23.60	42.20
50	4.21	6.24	7.65	8.13	8.68	9.16	10.48	11.16	12.49	13.96	15.68	24.23	43.06
100	4.60	6.87	8.39	9.11	9.77	10.20	10.91	12.09	13.42	15.10	16.90	26.11	45.61
200	4.97	7.50	9.12	9.87	10.58	11.00	11.73	12.96	14.31	16.19	18.05	27.91	48.00
1000	5.83	8.91	10.77	11.58	12.40	12.81	13.56	14.90	16.26	18.59	20.61	31.68	53.16
10000	7.00	10.87	13.05	13.92	14.90	15.28	16.04	17.50	18.83	21.84	24.02	37.18	59.85
PMP	13.82	20.60	25.29	27.62	29.50	30.94	33.19	37.20	42.33	48.39	52.31	81.10	134.60
MEAN	2.206	3.137	3.905	4.315	4.654	4.962	5.440	6.098	6.922	7.624	8.862	13.360	26.813
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.148	.284	.339	.341	.349	.358	.376	.382	.378	.386	.399	.527	.130
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.140	3.136	2.974	2.888	3.567	3.346	4.052	5.056	5.150	6.344	7.790	3.118	3.131
N	25	25	25	25	25	25	25	25	25	25	25	25	25
RECORD YEAR	1972	1974	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1974
RECORD MAXIMUM	2.930	4.980	6.350	7.480	8.940	9.300	10.550	12.411	14.440	16.290	17.890	24.380	43.230
NORMALIZED MAX	1.238	1.744	1.819	2.047	2.388	2.302	2.614	2.874	2.904	3.126	3.376	2.386	2.186
CALC. COEF. VAR	.265	.337	.344	.358	.386	.380	.359	.360	.374	.364	.314	.346	.280
REGION. COEF. VAR	.351	.371	.365	.360	.350	.349	.340	.344	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.350	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0823	.1170	.1457	.1609	.1736	.1850	.2029	.2274	.2581	.2843	.3238	.4298	1.0000
RP10/A	.1210	.1751	.2169	.2386	.2564	.2716	.2953	.3307	.3751	.4132	.4684	.7282	1.3529
RP25/A	.1619	.2085	.2566	.2806	.3012	.3170	.3422	.3815	.4288	.4765	.5371	.8295	1.5039
RP50/A	.2328	.2853	.3337	.3533	.3702	.3852	.4171	.4658	.5208	.5845	.6588	.9638	1.6080
RP100/A	.1714	.2504	.3131	.3398	.3643	.3802	.4069	.4509	.5007	.5630	.6301	.9738	1.7009
RP1000/A	.2172	.3321	.4016	.4317	.4623	.4777	.5056	.5556	.6064	.6935	.7686	1.1888	1.9825
RP10000/A	.2809	.4052	.4866	.5193	.5557	.5697	.5981	.6528	.7024	.8146	.8959	1.3865	2.3220
PMP/A	.5155	.7661	.9431	1.0301	1.1004	1.1537	1.2377	1.3872	1.5786	1.7302	1.9510	3.0240	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F30 6508 0	STATION NAME ORLEANS	ELEV 416	SEC 403	TWP 31	RNG LOT 11N	BWN 06E	LATITUDE 41.300	LONGITUDE 123.533	COUNTY CODE 12				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.17	4.44	5.34	6.03	6.55	7.22	8.24	9.39	11.17	12.42	15.62	23.51	49.71
5	4.27	6.10	7.29	8.18	8.86	9.69	10.94	12.44	14.71	16.44	20.55	31.00	61.68
10	4.97	7.20	8.56	9.56	10.34	11.24	12.62	14.30	16.80	18.89	23.51	35.49	68.47
20	5.63	8.25	9.76	10.85	11.72	12.68	14.15	15.98	18.64	21.10	26.15	39.51	74.35
25	5.83	8.58	10.13	11.25	12.15	13.12	14.62	16.50	19.20	21.78	26.96	40.73	76.12
40	5.93	9.26	10.90	11.44	12.36	13.43	15.59	17.55	20.34	23.17	28.60	43.22	79.66
50	6.45	9.57	11.26	12.45	13.44	14.46	16.04	18.04	20.86	23.81	29.35	44.37	81.26
100	7.05	10.55	12.36	13.62	14.69	15.74	17.39	19.50	22.42	25.74	31.62	47.82	86.00
200	7.63	11.50	13.43	14.75	15.91	16.99	18.70	20.91	23.91	27.60	33.80	51.12	96.61
1000	8.93	13.66	15.86	17.30	18.64	19.78	21.61	24.03	27.15	31.70	38.57	58.38	100.34
10000	10.72	16.67	19.21	20.81	22.41	23.59	25.57	28.23	31.46	37.24	46.08	68.08	112.96
PMP	21.19	31.60	37.23	41.28	44.37	47.77	52.90	59.99	70.69	79.10	97.92	148.52	254.07
MEAN	3.382	4.813	5.750	6.450	6.999	7.661	8.673	9.834	11.561	13.000	16.252	24.468	50.611
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.700	1.525	1.326	1.059	1.181	1.029	.817	.687	.700	.804	.580	.516	.366
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	8.340	7.219	6.937	5.185	5.344	4.983	4.059	3.940	3.605	4.056	3.469	2.959	3.000
N	72	72	72	72	72	72	72	72	72	72	72	72	72
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1974
RECORD MAXIMUM	7.360	11.070	13.630	14.500	15.730	16.790	18.890	20.870	24.120	26.480	32.080	45.880	82.910
NORMALIZED MAX	3.667	3.065	2.602	2.322	2.240	2.593	2.880	3.220	3.469	3.225	3.469	3.327	2.607
CALC. COEF. VAR	.322	.333	.334	.333	.333	.334	.333	.321	.337	.341	.321	.336	.254
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.344	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0668	.0951	.1136	.1274	.1383	.1514	.1714	.1943	.2284	.2569	.3211	.4835	1.0000
RP10/A	.0983	.1423	.1692	.1890	.2043	.2222	.2494	.2826	.3319	.3732	.4445	.7013	1.3529
RP25/A	.1157	.1695	.2002	.2222	.2400	.2593	.2880	.3280	.3725	.4244	.5045	.7613	1.5039
RP50/A	.1274	.1892	.2225	.2460	.2655	.2857	.3169	.3564	.4122	.4704	.5600	.8767	1.6060
RP100/A	.1392	.2084	.2442	.2690	.2902	.3111	.3437	.3853	.4430	.5086	.6248	.9449	1.7009
RP1000/A	.1764	.2699	.3133	.3418	.3684	.3908	.4270	.4747	.5365	.6264	.7622	1.1535	1.9825
RP10000/A	.2119	.3294	.3795	.4112	.4428	.4681	.5052	.5577	.6216	.7359	.8684	1.3453	2.3220
PMP/A	.4196	.6243	.7356	.8156	.8768	.9438	1.0453	1.1953	1.3968	1.5630	1.9347	2.9346	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F30 8025 0		STATION NAME SANYENS BAR		ELEV 2169	SEC 20	TWP 40N	RNG LOT 11W	RWM M	LATITUDE 41-300	LONGITUDE 123-133	COUNTY 47		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.29	4.61	5.74	6.48	7.00	7.55	8.61	9.40	10.96	12.25	14.77	21.54	45.65
5	4.43	6.34	7.84	8.79	9.46	10.13	11.43	12.45	14.43	16.21	19.43	28.40	56.65
10	5.16	7.49	9.21	10.27	11.05	11.76	13.19	14.32	16.48	18.63	22.23	32.52	62.88
20	6.84	8.58	10.50	11.65	12.52	13.26	14.73	16.00	18.29	20.41	24.73	36.20	68.29
25	6.05	8.92	10.90	12.08	12.98	13.72	15.29	16.51	18.84	21.48	25.49	37.32	69.91
40	6.16	9.62	11.73	12.29	13.20	14.08	16.30	17.57	19.95	22.85	27.04	39.60	73.17
50	6.69	9.95	12.11	13.37	14.36	15.12	16.76	18.05	20.46	23.48	27.75	40.65	74.05
100	7.31	10.96	13.29	14.63	15.64	16.44	18.18	19.55	21.99	25.38	29.90	43.81	79.56
200	7.91	11.95	14.55	15.85	16.99	17.77	19.55	20.93	23.45	27.21	31.95	46.84	83.22
1000	9.26	14.20	17.05	18.58	19.92	20.68	22.59	24.05	26.64	31.26	36.47	53.48	92.15
10000	11.12	17.33	20.66	22.35	23.94	24.67	26.72	28.25	30.86	36.73	42.51	62.38	103.75
PMF	21.98	32.84	40.05	46.34	47.40	49.95	55.30	60.04	69.35	78.00	92.58	136.07	233.34
MEAN	3.508	5.003	6.185	6.928	7.477	8.011	9.065	9.843	11.340	12.819	15.365	22.417	46.482
CLOCK HR. COR.	1.140	1.670	1.940	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.196	1.231	1.004	1.004	1.004	1.004	1.004	1.004	1.004	1.004	1.004	1.004	1.004
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	2.245	2.107	2.278	2.871	3.042	3.121	3.879	4.694	3.678	4.627	3.734	2.977	2.999
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1943	1965	1951	1965	1956	1956	1965	1965	1965	1965	1965	1956	1958
RECORD MAXIMUM	4.590	7.090	9.170	10.960	11.810	13.280	16.130	17.740	19.980	24.010	27.100	38.130	73.420
NORMALIZED MAX	1.174	1.428	1.578	1.872	1.874	2.092	2.491	2.715	2.429	2.782	2.417	2.079	2.288
CALC. COEF. VAR	.263	.292	.306	.311	.308	.314	.313	.295	.314	.314	.316	.337	.253
REGN. COEF. VAR	.451	.371	.365	.360	.356	.349	.340	.340	.340	.341	.339	.335	.338
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0755	.1076	.1331	.1490	.1609	.1723	.1950	.2118	.2440	.2758	.3306	.4623	1.0000
RP10/A	.1110	.1611	.1982	.2210	.2376	.2530	.2838	.3081	.3545	.4007	.4782	.6955	1.3529
RP25/A	.1302	.1918	.2344	.2599	.2792	.2952	.3289	.3553	.4053	.4621	.5483	.8028	1.6039
RP50/A	.1440	.2141	.2606	.2877	.3089	.3252	.3607	.3884	.4403	.5051	.5971	.8746	1.6060
RP100/A	.1572	.2359	.2860	.3147	.3376	.3542	.3911	.4199	.4732	.5461	.6432	.9425	1.7009
RP1000/A	.1993	.3055	.3669	.3998	.4285	.4449	.5060	.5173	.5731	.6726	.7846	1.1506	1.9825
RP10000/A	.2393	.3728	.4445	.4809	.5150	.5306	.5749	.6078	.6839	.7621	.9146	1.3420	2.2320
PMF/A	.6728	.7666	.8616	.9539	1.0198	1.0744	1.1896	1.2917	1.4919	1.6782	1.9916	2.9274	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F40 738 0	STATION NAME BIG BAR RANGER STATION	ELEV 1270	SEC 05	TWP 33N	RNG LOT 12W	RWM M	LATITUDE 40-748	LONGITUDE 123-245	COUNTY 53				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.95	3.91	4.72	5.28	5.93	6.48	7.48	8.28	9.63	10.80	13.52	20.09	39.03
5	3.97	5.37	6.44	7.16	8.01	8.70	9.93	10.97	12.69	14.30	17.79	26.49	48.43
10	4.62	6.34	7.57	8.37	9.36	10.09	11.44	12.61	14.49	16.43	20.34	30.33	53.76
20	5.23	7.26	8.63	9.49	10.60	11.38	12.85	14.09	16.08	18.36	22.63	33.76	58.38
25	5.42	7.55	8.96	9.84	10.99	11.78	13.28	14.55	16.56	18.95	23.33	34.80	59.76
40	5.52	8.15	9.64	10.61	11.18	12.60	14.15	15.47	17.54	20.16	24.75	36.93	62.55
50	6.03	8.43	9.96	10.90	12.16	12.98	14.59	15.97	17.99	20.71	25.40	37.91	63.62
100	6.55	9.29	10.93	11.92	13.29	14.13	15.79	17.19	19.34	22.39	27.37	40.86	67.59
200	7.09	10.13	11.87	12.91	14.39	15.25	16.98	18.44	20.62	24.01	29.25	43.68	71.14
1000	8.30	12.03	14.02	15.14	16.87	17.75	19.62	21.18	23.42	27.58	33.38	49.88	78.78
10000	9.97	14.68	16.98	18.21	20.32	21.18	23.21	24.89	27.13	32.40	38.91	58.19	86.49
PMF	19.70	27.82	32.91	36.13	40.15	42.88	48.03	52.90	60.97	68.82	84.74	126.90	199.48
MEAN	3.144	4.238	5.083	5.645	6.333	6.878	7.873	8.671	9.970	11.309	14.064	20.908	39.736
CLOCK HR. COR.	1.140	1.470	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.060	.631	.523	.511	.419	.515	.475	.432	.459	.459	.541	.572	1.324
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	2.461	2.809	3.045	3.200	3.411	3.374	3.313	3.546	3.415	4.688	2.864	2.677	2.383
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1951	1965	1965	1965	1965	1956	1965	1965	1965	1965	1965	1956	1958
RECORD MAXIMUM	4.350	7.644	8.750	9.820	10.800	11.620	13.440	15.070	17.720	21.890	23.610	34.120	59.430
NORMALIZED MAX	1.258	1.776	2.081	2.195	2.065	2.028	2.215	2.444	2.480	2.762	2.090	1.982	1.913
CALC. COEF. VAR	.305	.372	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.259
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0791	.1066	.1279	.1421	.1594	.1731	.1981	.2182	.2509	.2846	.3539	.5261	1.0000
RP10/A	.1164	.1596	.1995	.2106	.2355	.2540	.2883	.3174	.3646	.4135	.5120	.7632	1.3529
RP25/A	.1305	.1901	.2254	.2477	.2766	.2965	.3341	.3661	.4168	.4769	.5871	.8758	1.5039
RP50/A	.1509	.2121	.2505	.2743	.3060	.3266	.3664	.4002	.4528	.5213	.6393	.9541	1.6060
RP100/A	.1648	.2337	.2750	.2999	.3345	.3557	.3974	.4327	.4867	.5635	.6887	1.0282	1.7009
RP1000/A	.2089	.3027	.3527	.3811	.4245	.4468	.4937	.5331	.5894	.6941	.8401	1.2552	1.9825
RP10000/A	.2509	.3694	.4273	.4584	.5103	.5329	.5861	.6284	.6828	.8154	.9793	1.4640	2.2320
PMF/A	.4957	.7601	.8822	.9692	1.0105	1.0792	1.2086	1.3312	1.5343	1.7318	2.1325	3.1936	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F40 1731 0	STATION NAME CHINA FLAT	ELEV 366	SEC N00	TWP 2N	RNG LOT 06N	RHM 05E	LATITUDE N	LONGITUDE 40.065	COUNTY CODE 123.545	53			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.94	4.13	4.78	5.29	5.40	6.42	7.24	7.91	9.73	10.81	13.61	20.21	42.40
5	4.01	5.67	6.53	7.17	7.99	9.61	9.62	10.48	12.82	14.31	17.91	26.66	52.61
10	4.67	6.70	7.67	8.36	9.32	9.99	11.00	12.05	14.44	16.45	20.49	30.52	58.40
20	5.29	7.67	8.74	9.51	10.55	11.27	12.44	13.47	16.25	19.38	22.79	33.97	63.42
25	5.48	7.97	9.07	9.86	10.94	11.66	12.85	13.40	16.73	19.97	23.50	35.02	64.92
40	5.58	8.61	9.77	10.03	11.13	12.47	13.70	14.79	17.72	20.18	24.93	37.16	67.95
50	5.49	8.49	10.09	10.99	12.11	12.96	14.11	15.20	18.18	20.73	25.68	38.15	69.33
100	6.02	9.81	11.07	11.93	13.24	13.99	15.29	16.43	19.54	22.42	27.56	41.12	73.43
200	7.17	10.69	12.03	12.93	14.33	15.10	16.44	17.62	20.83	23.04	28.46	43.95	77.29
1000	8.39	12.70	14.20	15.10	16.40	17.57	19.00	20.24	23.66	27.41	33.62	50.14	84.58
10000	10.08	15.50	17.21	18.24	20.19	22.47	23.76	27.41	32.43	39.19	58.54	94.35	
PMP	19.31	29.38	33.35	36.17	39.99	42.44	46.50	50.56	61.60	68.49	85.34	127.70	216.71
MEAN	3.179	4.475	5.150	5.652	6.309	6.807	7.623	8.285	10.073	11.321	14.164	21.038	43.169
CLOCK HR. CUR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.715	1.225	.994	.628	.261	.090	.289	.268	.937	.652	.582	.706	.779
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	13.537	5.767	4.750	4.192	3.406	3.161	2.950	2.986	3.421	3.227	2.895	2.932	3.471
N	30	30	30	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1915	1915	1915	1915	1915	1915	1927	1927	1927	1927	1914	1938	1927
RECORD MAXIMUM	7.110	8.760	9.550	10.350	10.940	11.110	12.390	13.320	17.530	19.090	24.720	34.380	71.320
NORMALIZED MAX	3.370	2.817	2.510	2.522	2.243	1.969	2.100	1.972	2.220	2.149	2.233	2.021	2.379
CALC. COEF. VAR	.367	.340	.330	.320	.321	.320	.319	.319	.319	.319	.319	.319	.319
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0736	.1037	.1193	.1309	.1401	.1577	.1766	.1919	.2333	.2622	.3281	.4873	1.0000
RP10/A	.1083	.1551	.1777	.1941	.2158	.2315	.2570	.2792	.3394	.3810	.4746	.7059	1.3529
RP25/A	.1270	.1847	.2102	.2283	.2535	.2701	.2978	.3220	.3876	.4364	.5443	.8113	1.3539
RP50/A	.1404	.2062	.2337	.2528	.2805	.2976	.3266	.3521	.4211	.4803	.5926	.8838	1.0000
RP100/A	.1534	.2271	.2565	.2764	.3006	.3240	.3541	.3806	.4526	.5192	.6385	.9524	1.0000
RP1000/A	.1444	.2042	.2290	.2512	.2691	.2871	.3400	.3689	.5481	.6306	.7708	1.1627	1.9825
RP10000/A	.2335	.3590	.3986	.4224	.4677	.4858	.5205	.5510	.6349	.7513	.9078	1.3561	2.2320
PMP/A	.6613	.6805	.7725	.7390	.7262	.9832	1.1772	1.1708	1.4269	1.5957	1.9769	2.9581	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F40 3859 0	STATION NAME HATFORK HANGER STATION	ELEV 2340	SEC 12	TWP 31N	RNG LOT 124 W	RHM M	LATITUDE N	LONGITUDE 40.550	COUNTY CODE 123.1A7	53			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.92	3.99	4.74	5.16	5.74	6.26	7.22	7.80	9.17	10.44	12.77	18.99	35.49
5	3.93	5.49	6.47	7.00	7.76	8.39	9.60	10.33	12.09	13.82	16.80	25.04	44.54
10	4.58	6.48	7.60	8.18	9.06	9.74	11.07	11.88	13.80	15.68	19.21	28.65	49.44
20	5.18	7.42	8.66	9.28	10.27	10.94	12.41	13.27	15.32	17.75	21.38	31.91	53.68
25	5.37	7.72	8.99	9.62	10.65	11.37	12.83	13.70	15.78	18.32	22.03	32.90	54.96
40	5.46	8.33	9.67	9.79	10.83	12.16	13.67	14.57	16.71	19.48	23.37	34.91	57.52
50	5.93	8.61	9.99	10.65	11.78	12.53	14.07	14.94	17.14	20.02	23.99	35.84	58.69
100	6.48	9.49	10.97	11.65	12.88	13.64	15.25	16.19	18.42	21.64	25.85	38.62	67.15
200	7.02	10.35	11.92	12.62	13.94	14.72	16.40	17.36	19.64	23.21	27.62	41.29	65.42
1000	8.22	12.29	14.07	14.80	16.34	17.13	19.95	19.95	22.31	26.66	31.53	47.15	72.44
10000	9.87	15.00	17.05	17.80	19.44	20.43	23.22	23.44	25.84	31.32	36.75	54.99	81.56
PMP	19.50	28.43	33.04	35.32	38.40	41.38	40.40	49.82	58.07	66.52	80.03	119.95	183.43
MEAN	3.112	4.331	5.103	5.518	6.135	6.637	7.606	8.166	9.497	10.931	13.283	19.761	36.541
CLOCK HR. CUR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.069	.631	.290	.219	.309	.312	.217	-.0091	.002	.322	.441	1.163	.990
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	2.698	3.373	2.886	2.806	3.263	3.426	2.848	2.825	2.472	2.701	2.762	7.937	2.586
N	25	25	25	25	25	25	25	25	25	24	25	25	25
RECORD YEAR	1959	1954	1965	1956	1956	1956	1956	1965	1965	1965	1956	1958	1958
RECORD MAXIMUM	4.000	7.250	7.750	8.500	10.140	11.190	12.000	12.33	13.460	17.970	20.660	45.070	54.300
NORMALIZED MAX	2.750	2.097	1.784	1.602	2.188	2.306	2.708	1.960	1.253	2.178	2.065	3.459	2.001
CALC. COEF. VAR	.4700	.321	.291	.300	.298	.298	.280	.274	.265	.296	.266	.383	.244
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0452	.1185	.1376	.1510	.1674	.1816	.2082	.2235	.2599	.2992	.3635	.5408	1.0000
RP10/A	.1252	.1774	.2080	.2239	.2480	.2666	.3029	.3250	.3776	.4347	.5258	.7840	1.3529
RP25/A	.1409	.2112	.2480	.2633	.2914	.3111	.3510	.3749	.4317	.5013	.6030	.9003	1.5039
RP50/A	.1624	.2358	.2735	.2915	.3224	.3428	.3850	.4099	.4690	.5479	.6566	.9807	1.6060
RP100/A	.1774	.2597	.3002	.3188	.3524	.3732	.4175	.4432	.5041	.5923	.7073	1.0569	1.7009
RP1000/A	.2246	.3364	.3851	.4051	.4472	.4689	.5187	.5466	.6105	.7266	.8628	1.2703	1.9825
RP10000/A	.2700	.4104	.4665	.4873	.5592	.5836	.6415	.7072	.8570	1.0057	1.5048	2.2320	
PMP/A	.5335	.7780	.9042	.9655	1.0645	1.1325	1.2598	1.3433	1.5893	1.9203	2.1901	3.2826	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB FA0 4082 0	STATION NAME MUOBA	ELEV 350	SEC 25	TWP 04N	RNG LOT 04E	R#M M	LATITUDE 41.000	LONGITUDE 123.667	COUNTY CODE 12				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.73	5.59	6.67	7.69	8.57	9.15	10.47	11.66	13.47	15.03	18.54	27.44	56.60
5	5.43	7.68	9.11	10.43	11.58	12.27	13.91	15.42	17.74	19.90	24.40	36.18	70.24
10	6.33	9.07	10.70	12.19	13.52	14.24	16.05	17.72	20.26	22.47	27.71	41.42	77.97
20	7.17	11.39	12.20	13.83	15.33	16.06	17.99	19.81	22.49	25.55	31.05	46.11	84.67
25	7.42	10.80	12.66	14.34	15.89	16.62	18.59	20.45	23.16	26.37	32.00	47.53	86.67
40	7.55	11.66	13.63	14.58	16.16	17.77	19.82	21.75	24.53	28.05	33.95	50.44	90.71
50	8.21	12.06	14.08	15.87	17.58	18.31	20.39	22.35	25.16	28.82	34.85	51.78	92.56
100	8.97	13.28	15.45	17.36	19.21	19.93	22.11	24.17	27.04	31.16	37.54	55.81	98.03
200	9.71	14.48	16.79	18.80	20.81	21.51	23.78	25.91	28.83	33.41	40.12	59.66	103.18
1000	11.36	17.20	19.82	22.05	24.39	25.04	27.48	29.77	32.75	38.38	45.79	68.13	114.25
10000	13.65	21.94	24.01	26.53	29.31	29.87	32.50	34.98	37.94	45.09	53.38	79.46	128.63
PMP	26.96	39.79	46.53	52.02	58.04	60.49	67.26	74.34	85.26	94.76	116.24	173.33	269.31
MEAN	4.304	6.010	7.186	8.221	9.155	9.701	11.027	12.187	13.942	15.738	19.293	28.555	57.631
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.315	2.172	1.711	1.660	1.595	1.595	1.396	1.401	1.168	1.847	1.650	.933	-0.117
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	10.367	9.262	6.681	6.568	6.907	6.953	6.894	6.753	5.963	6.696	7.569	4.335	2.587
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	8.440	14.230	16.230	18.080	19.280	20.130	22.600	24.577	27.733	32.960	36.340	51.060	76.400
NORMALIZED MAX	3.008	2.862	2.942	3.040	3.040	3.042	3.076	3.030	2.915	3.295	3.143	2.583	1.700
CALC. COEF. VAR	.357	.448	.440	.408	.364	.353	.341	.335	.339	.332	.261	.305	.192
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0747	.1052	.1247	.1427	.1588	.1683	.1913	.2115	.2419	.2731	.3348	.4955	1.0000
RP10/A	.1098	.1574	.1857	.2115	.2347	.2471	.2784	.3076	.3515	.3968	.4843	.7187	1.3529
RP25/A	.1288	.1874	.2197	.2487	.2757	.2883	.3226	.3548	.4019	.4576	.5553	.8248	1.5039
RP50/A	.1424	.2092	.2442	.2754	.3050	.3177	.3538	.3878	.4365	.5002	.6047	.8985	1.6060
RP100/A	.1556	.2306	.2680	.3012	.3334	.3459	.3837	.4193	.4692	.5407	.6514	.9683	1.7009
RP1000/A	.1972	.2985	.3438	.3827	.4231	.4345	.4768	.5165	.5682	.6660	.7946	1.1821	1.9825
RP10000/A	.2368	.3642	.4166	.4603	.5086	.5193	.5640	.6076	.6583	.7823	.9262	1.3787	2.3220
PMP/A	.4679	.6904	.8074	.9130	1.0071	1.0495	1.1571	1.2899	1.4793	1.6617	2.0170	3.0075	5.0200

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB FA0 7698 0	STATION NAME SALYER RANGER STATION	ELEV 623	SEC 14	TWP 06N	RNG LOT 05E	R#M M	LATITUDE 40.883	LONGITUDE 123.563	COUNTY CODE 53				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.60	4.60	5.54	6.34	6.91	7.46	8.63	9.61	11.36	12.66	15.85	23.86	48.43
5	4.84	6.32	7.56	8.59	9.34	10.01	11.46	12.72	14.96	16.75	20.86	31.46	60.10
10	5.65	7.46	8.89	10.04	10.99	11.62	13.22	14.62	17.09	19.25	23.85	36.01	66.71
20	6.39	8.55	10.13	11.39	12.30	13.10	14.83	16.34	18.96	21.51	26.54	40.09	72.44
25	6.62	8.84	10.52	11.81	12.81	13.56	15.32	16.87	19.53	22.20	27.36	41.33	74.16
40	6.74	9.59	11.32	12.62	13.63	14.50	16.33	17.95	20.69	23.61	29.02	43.66	77.62
50	7.32	9.92	11.69	13.08	14.17	14.94	16.80	18.44	21.22	24.27	29.79	45.03	79.19
100	8.00	10.93	12.83	14.30	15.49	16.27	18.22	19.94	22.81	26.23	32.09	48.52	83.87
200	8.66	11.91	13.94	15.49	16.76	17.55	19.59	21.36	24.32	28.13	34.30	51.87	88.28
1000	10.14	14.15	16.46	18.17	19.66	20.43	22.64	24.57	27.62	32.31	39.14	59.26	97.76
10000	12.19	17.27	19.74	21.86	23.63	24.37	26.78	28.68	32.00	37.96	45.63	69.09	110.06
PMP	24.06	32.73	38.64	43.36	46.80	49.35	55.42	61.34	71.90	80.62	99.36	150.71	247.53
MEAN	3.840	4.966	5.968	6.775	7.381	7.916	9.085	10.056	11.759	13.249	16.491	24.828	49.310
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.399	2.400	2.148	1.830	1.577	1.593	1.288	1.367	1.226	1.380	1.037	.895	.503
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.697	10.877	6.949	8.058	6.736	6.600	5.762	5.984	6.151	6.884	4.430	3.434	3.026
RECORD YEAR	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD MAXIMUM	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
NORMALIZED MAX	6.850	11.750	13.750	15.270	15.780	16.270	17.960	19.62	23.110	26.680	29.280	42.050	72.600
CALC. COEF. VAR	2.094	3.285	3.318	3.270	3.134	3.084	3.049	3.091	3.102	3.207	2.436	2.225	2.107
REGN. COEF. VAR	.374	.413	.373	.383	.363	.349	.330	.311	.316	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0779	.1011	.1210	.1374	.1497	.1605	.1842	.2039	.2385	.2687	.3344	.5035	1.0000
RP10/A	.1145	.1513	.1803	.2037	.2212	.2356	.2681	.2966	.3465	.3904	.4838	.7304	1.3529
RP25/A	.1343	.1802	.2133	.2396	.2598	.2750	.3107	.3421	.3961	.4502	.5548	.8382	1.5039
RP50/A	.1485	.2011	.2321	.2652	.2874	.3030	.3367	.3741	.4300	.4892	.6041	.9131	1.6060
RP100/A	.1622	.2216	.2602	.2901	.3142	.3299	.3695	.4044	.4625	.5320	.6508	.9841	1.7009
RP1000/A	.2056	.2870	.3338	.3685	.3987	.4144	.4591	.4982	.5601	.6553	.7938	1.2013	1.9825
RP10000/A	.2460	.3592	.4046	.4453	.4793	.4932	.5493	.5925	.6649	.7853	1.1111	2.3220	4.0200
PMP/A	.4879	.6638	.7837	.8793	.9491	1.0009	1.1239	1.2444	1.4582	1.6350	2.0150	3.0584	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F40 949C 0	STATION NAME WEAVERVILLE	ELEV 2050	SEC 12	TWP 34N	RNG LOT 10W	HMM M	LATITUDE 40+733	LONGITUDE 122+933	COUNTY COO 53				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.84	3.77	4.43	5.03	5.54	6.02	6.93	7.69	8.93	9.99	12.00	17.89	35.84
5	3.82	5.18	6.04	6.82	7.48	8.17	9.21	10.19	11.76	13.23	15.76	23.59	44.48
10	4.45	6.12	7.10	7.97	8.74	9.37	10.62	11.72	13.43	15.20	18.05	27.01	49.37
20	5.44	7.08	8.09	9.04	9.99	10.57	11.91	13.09	14.91	16.98	20.08	30.07	53.61
25	5.22	7.28	8.40	9.37	10.26	10.94	12.31	13.51	15.35	17.53	20.70	31.00	58.01
40	6.31	7.86	9.04	10.53	10.44	11.70	13.12	14.38	16.26	18.64	21.96	32.90	57.44
50	6.77	8.13	9.33	10.37	11.36	12.05	13.50	14.77	16.68	19.16	22.54	33.77	58.61
100	8.33	8.95	10.24	11.34	12.41	13.12	14.64	15.97	17.93	20.71	24.29	36.39	62.07
200	9.72	9.76	11.13	12.49	13.44	14.16	15.74	17.13	19.11	22.21	25.96	38.91	65.34
1000	7.94	14.15	13.14	14.41	15.75	16.44	18.18	19.68	21.67	25.51	29.62	44.43	72.35
10000	9.80	14.15	15.92	17.34	18.93	19.66	21.51	23.12	25.15	29.97	34.53	51.82	81.65
PMP	14.96	26.62	31.46	34.39	37.44	39.92	44.51	49.14	56.52	63.66	75.20	113.04	183.20
MEAN	3.026	4.086	4.766	5.374	5.914	6.386	7.298	8.056	9.242	10.461	12.481	18.622	36.494
CLOCK HR. COR.	1.140	1.770	1.040	1.028	1.011	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.044	0.552	0.498	0.510	0.459	0.504	0.293	0.270	0.288	0.381	0.457	0.492	0.586
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USEU	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOSIS	3.641	2.500	2.828	2.500	3.036	3.408	2.429	2.305	2.500	3.298	2.693	2.693	2.827
N	40	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1949	1954	1965	1965	1965	1956	1956	1965	1965	1956	1956	1956	1958
RECORD MAXIMUM	5.178	6.496	8.320	9.460	9.900	11.120	12.010	13.26	16.000	19.670	21.930	33.680	61.430
NORMALIZED MAX	2.054	1.724	2.407	2.263	2.269	2.536	2.183	2.044	2.266	2.701	2.278	2.378	2.589
CALC. COEF. VAR	0.345	0.341	0.310	0.302	0.297	0.292	0.296	0.315	0.323	0.326	0.332	0.340	0.264
REGN. COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
MEAN/A	0.829	1.120	1.304	1.472	1.620	1.756	2.000	2.207	2.533	2.866	3.420	5.103	1.0000
RP10/A	1.219	1.676	1.945	2.183	2.394	2.568	2.910	3.214	3.680	4.165	4.947	7.402	1.3529
RP25/A	1.436	1.995	2.301	2.567	2.812	2.997	3.427	3.703	4.207	4.803	5.673	8.495	1.5039
RP50/A	1.582	2.227	2.558	2.843	3.112	3.302	3.698	4.048	4.570	5.250	6.177	9.254	1.6060
RP100/A	1.728	2.453	2.807	3.109	3.401	3.596	4.010	4.377	4.912	5.676	6.655	9.973	1.7009
RP1000/A	2.190	3.178	3.601	3.950	4.317	4.517	4.983	5.393	5.949	6.891	8.118	1.2175	1.9825
RP10000/A	2.629	3.877	4.362	4.751	5.188	5.588	6.056	6.536	6.891	8.212	9.662	1.4199	2.2320
PMP/A	5.195	7.350	8.455	9.424	1.0274	1.0910	1.2198	1.3465	1.5487	1.7443	2.0606	3.0974	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F50 5244 0	STATION NAME MAD RIVER RANGER STATION	ELEV 2775	SEC 17	TWP 01N	RNG LOT 06E	HMM M	LATITUDE 40+450	LONGITUDE 123+533	COUNTY COO 53				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.12	5.70	7.04	8.04	8.83	9.73	11.03	12.28	14.53	16.29	20.21	28.99	59.77
5	5.44	7.83	9.60	10.90	11.94	13.05	14.65	16.26	19.15	21.57	26.59	38.23	74.14
10	6.46	9.25	11.29	12.74	13.94	15.16	16.90	18.69	21.86	24.78	30.41	43.77	82.33
20	7.31	10.59	12.86	14.45	15.80	17.09	18.95	20.89	24.26	27.69	33.83	48.72	89.40
25	7.48	11.01	13.35	14.98	16.37	17.69	19.58	21.56	24.99	28.58	34.88	50.23	91.52
40	7.71	11.88	14.37	15.25	16.66	18.91	20.88	22.94	26.47	30.40	37.00	53.30	95.79
50	8.38	12.29	14.84	16.59	18.12	19.49	21.48	23.57	27.15	31.24	37.98	54.72	97.74
100	9.15	13.54	16.29	18.14	19.80	21.22	23.29	25.49	29.18	33.77	40.91	58.97	103.51
200	9.91	14.76	17.70	19.66	21.44	22.90	25.04	27.33	31.11	36.21	43.72	63.04	108.95
1000	11.60	17.54	20.40	23.05	25.13	26.65	28.94	31.40	35.34	41.60	49.90	71.99	120.65
10000	13.93	21.40	25.32	27.73	30.21	31.79	34.24	36.90	40.94	48.87	58.17	83.96	135.83
PMP	27.53	40.57	49.07	55.00	59.82	64.38	70.84	78.41	92.00	103.79	126.68	183.15	305.49
MEAN	4.394	6.174	7.578	8.594	9.435	10.325	11.614	12.854	15.044	17.057	21.025	30.173	60.855
CLOCK HR. COR.	1.140	1.070	1.050	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.118	2.471	2.331	1.936	2.010	1.812	1.783	1.741	1.621	1.725	1.381	1.023	0.743
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USEU	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOZIS	5.906	11.465	10.389	8.325	8.744	7.745	7.517	6.930	6.707	7.461	5.022	3.541	3.713
RECORD YEAR	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD MAXIMUM	7.870	14.770	18.370	20.430	22.430	23.590	25.840	27.76	32.940	37.690	40.790	54.280	94.820
NORMALIZED MAX	2.358	3.380	3.451	3.353	3.442	3.298	3.300	3.212	3.250	3.369	2.759	2.309	2.321
CALC. COEF. VAR	0.335	0.411	0.413	0.411	0.400	0.390	0.371	0.361	0.366	0.359	0.341	0.346	0.233
REGN. COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
MEAN/A	0.722	1.015	1.245	1.412	1.550	1.697	1.908	2.112	2.472	2.803	3.455	4.958	1.0000
RP10/A	1.062	1.520	1.855	2.094	2.291	2.490	2.777	3.072	3.592	4.073	4.998	7.192	1.3529
RP25/A	1.245	1.810	2.194	2.462	2.691	2.906	3.218	3.544	4.107	4.697	5.731	8.254	1.5039
RP50/A	1.377	2.020	2.439	2.726	2.977	3.202	3.574	3.874	4.461	5.134	6.240	8.692	1.6060
RP100/A	1.521	2.225	2.677	2.981	3.254	3.486	3.827	4.188	4.795	5.550	6.723	9.691	1.7009
RP1000/A	1.906	2.862	3.434	3.788	4.130	4.380	4.756	5.100	5.807	6.836	8.200	1.1830	1.9825
RP10000/A	2.289	3.517	4.160	4.556	4.964	5.224	5.626	6.063	6.727	8.030	9.559	1.3797	2.2320
PMP/A	4.523	6.666	8.063	9.038	9.830	1.0579	1.1641	1.2885	1.5117	1.7056	2.0816	3.0696	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F50 4498 0	STATION NAME OWICK PHAINE CREEK PARK	ELEV 161	SEC 02	TWP 11N	RNG LOT 01E	HMM M	LATITUDE 41.637	LONGITUDE 124.017	COUNTY 12				
MAXIMUM PRECIPITATION FOR INDICATED DURATION L-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.23	5.90	7.03	7.74	8.42	9.24	10.59	11.88	14.30	15.90	19.93	30.74	69.88
5	5.69	8.11	9.59	10.50	11.39	12.39	14.06	15.74	18.93	21.84	26.22	40.54	84.72
10	6.64	9.58	11.27	12.27	13.30	14.38	16.22	18.09	21.50	24.18	29.99	46.41	96.26
20	7.51	10.98	12.84	13.82	15.07	16.21	18.19	20.22	23.86	27.01	33.37	51.66	104.53
25	7.79	11.41	13.33	14.43	15.62	16.78	18.00	20.07	24.58	27.88	34.39	53.26	107.01
40	7.92	12.32	14.34	15.68	16.89	17.95	20.04	22.30	26.93	29.66	36.49	56.52	117.00
50	8.61	12.74	14.82	15.98	17.24	18.49	20.62	22.82	26.70	30.49	37.45	58.02	114.27
100	9.40	14.03	16.26	17.47	18.89	20.13	22.36	24.67	28.70	32.45	40.35	62.53	121.03
200	10.18	15.30	17.67	18.93	20.45	21.72	24.04	26.45	30.60	35.32	43.12	68.85	127.39
1000	14.31	18.18	20.86	22.20	23.97	25.29	27.78	30.39	34.76	40.59	49.91	76.34	141.08
10000	22.74	26.27	28.81	30.16	32.87	35.71	40.26	47.67	57.37	68.03	89.03	158.81	307.19
PMP	28.27	42.04	48.98	52.48	57.06	61.08	68.01	75.89	90.48	101.25	124.92	194.21	357.19

MEAN	4.513	6.404	7.564	8.275	8.999	9.796	11.149	12.441	14.797	16.460	20.734	31.995	71.153
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	3.522	2.600	2.293	2.011	1.697	1.612	1.036	.779	.367	.194	-0.020	-0.122	.010
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.000	1.000	.800	.600	.400	.200	.100	.050	.020
SKEW USED	1.100	1.300	1.200	1.100	1.000	1.000	.800	.600	.400	.200	.100	.050	.020
KURTOSIS	19.677	13.003	11.732	10.573	8.903	9.281	6.344	4.501	2.948	2.612	2.725	2.610	2.739
RECORD YEAR	1951	1951	1951	1951	1951	1951	1951	1951	1956	1966	1974	1956	1974
RECORD MAXIMUM	11.500	16.190	17.790	19.270	19.920	21.050	21.260	21.870	23.710	25.060	30.400	46.910	96.010
NORMALIZED MAX	4.105	4.729	4.405	4.107	4.168	4.316	4.800	5.204	5.201	5.002	5.744	6.840	12.087
CALC. COEF. VAR	.384	.379	.338	.331	.316	.295	.265	.270	.260	.252	.240	.253	.169
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.333	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.333	.335	.338	.268

MEAN/A	.0034	.0000	.0063	.0163	.0265	.0377	.0567	.0748	.0980	.0239	.0294	.0497	1.0000
RP10/A	.0933	.1347	.1583	.1724	.1869	.2021	.2288	.2543	.3022	.3398	.4215	.6523	1.3529
RP25/A	.1094	.1604	.1873	.2028	.2182	.2345	.2632	.2913	.3455	.3919	.4834	.7486	1.5039
RP50/A	.1210	.1790	.2082	.2245	.2429	.2598	.2898	.3207	.3753	.4263	.5264	.8155	1.6010
RP100/A	.1321	.1972	.2285	.2455	.2655	.2829	.3142	.3487	.4033	.4631	.5670	.8788	1.7009
RP1000/A	.1675	.2555	.2932	.3120	.3369	.3554	.3905	.4272	.4885	.5703	.6917	1.0729	1.9625
RP10000/A	.2011	.3117	.3551	.3752	.4050	.4239	.4619	.5019	.5659	.6700	.8062	1.2512	2.2320
PMP/A	.3974	.5908	.6884	.7443	.8019	.8584	.9558	1.0666	1.2717	1.4230	1.7557	2.7295	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 2084 0	STATION NAME COVELLO EEL RIV R S		ELEV 1514	SEC 28	TWP 23N	RNG LOT 11W	HMM M	LATITUDE 39.933	LONGITUDE 123.043	COUNTY COGE	CODE 23		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.28	4.71	5.50	6.03	6.61	7.03	8.10	8.95	10.53	11.86	14.49	21.40	41.40
5	4.42	6.47	7.50	8.18	8.92	9.43	10.77	11.85	13.88	15.70	19.06	28.21	51.37
10	5.16	7.64	8.82	9.56	10.42	10.95	12.42	13.62	15.84	18.04	21.80	32.30	57.02
20	5.84	8.75	10.05	10.85	11.80	12.34	13.93	15.22	17.59	20.15	24.25	35.96	61.92
25	6.05	9.10	10.43	11.25	12.24	12.78	14.39	15.71	18.11	20.40	25.00	37.07	63.39
40	6.15	9.82	11.23	11.44	12.45	13.67	15.34	16.71	19.18	22.12	26.52	39.34	66.35
50	6.69	10.16	11.60	12.45	13.54	14.08	15.78	17.18	19.69	22.74	27.22	40.38	67.70
100	7.30	11.19	12.73	13.62	14.80	15.33	17.12	18.57	21.15	24.58	29.33	43.52	71.70
200	7.90	12.20	13.83	14.75	16.02	16.55	18.40	19.91	22.55	26.35	31.34	46.52	75.46
1000	9.26	14.48	16.33	17.30	18.78	19.26	21.27	22.88	26.61	30.27	35.77	53.13	83.56
10000	11.12	17.68	19.78	20.81	22.57	22.97	25.16	26.88	29.67	35.56	41.70	61.96	94.00
PMP	21.96	33.52	38.34	41.28	44.70	45.26	52.06	57.13	66.68	75.54	90.80	135.16	211.68

MEAN	3.505	5.106	5.922	6.451	7.051	7.461	8.534	9.365	10.904	12.413	15.071	22.268	42.151
CLOCK MR. COR.	1.140	1.370	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	6.957	1.313	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.100	.900	.800	.600	.400	.200	.100	.050
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.100	.900	.800	.600	.400	.200	.100	.050
KURTOSIS	5.141	6.130	9.785	8.856	9.508	8.646	7.361	5.797	5.412	6.536	4.270	2.916	2.376
RECORD YEAR	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD MAXIMUM	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
NORMALIZED MAX	6.920	11.940	15.680	16.330	17.570	17.710	19.280	20.360	23.290	26.820	29.030	39.230	57.930
CALC. COEF. VAR	.322	.421	.483	.450	.423	.403	.380	.385	.376	.361	.316	.326	.229
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0032	.0111	.0105	.0130	.0163	.0170	.0205	.0222	.0258	.0294	.0376	.0583	1.0000
RP10/A	.1223	.1813	.2092	.2269	.2471	.2598	.2946	.3231	.3759	.4279	.5172	.7663	1.5029
RP25/A	.1435	.2155	.2475	.2668	.2903	.3032	.3414	.3728	.4297	.4935	.5931	.8794	1.5039
RP50/A	.1586	.2410	.2752	.2954	.3212	.3341	.3745	.4075	.4668	.5394	.6458	.9580	1.6000
RP100/A	.1753	.2655	.3020	.3231	.3511	.3637	.4060	.4406	.5017	.5831	.6959	1.0325	1.7009
RP1000/A	.2196	.3435	.3874	.4105	.4456	.4582	.5058	.5488	.6077	.7182	.8426	1.2616	1.9625
RP10000/A	.2637	.4196	.4693	.4938	.5356	.5450	.5968	.6378	.7039	.8437	.9893	1.4700	2.2320
PMP/A	.5210	.7953	.9096	.9794	1.0605	1.1037	1.2351	1.3553	1.5819	1.7920	2.1543	3.2067	5.0200

PEAKSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 2218 0	STATION NAME CUMMINGS	ELEV 1270	SEC 21	TWP 23N	RNG LOT 16W	RWH M	LATITUDE 39.833	LONGITUDE 123.633	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.37	7.31	8.70	9.74	10.75	11.95	12.95	14.33	17.06	18.48	23.02	34.52	70.99
5	7.23	10.04	11.87	13.28	14.53	15.49	17.20	18.98	22.47	24.46	30.26	45.51	86.09
10	8.43	11.87	13.94	15.52	16.94	17.94	19.84	21.82	25.45	26.10	34.64	52.11	97.79
20	9.54	13.59	15.89	17.61	19.22	20.28	22.25	24.38	28.47	31.40	38.53	58.00	106.19
25	9.89	14.13	16.50	18.26	19.93	20.99	22.99	25.15	29.33	32.41	39.72	59.80	104.70
40	10.05	15.25	17.75	19.57	20.27	22.45	24.51	26.77	31.06	34.47	42.14	63.40	113.77
50	10.03	15.77	18.34	20.21	22.05	23.12	25.21	27.51	31.86	35.43	43.25	65.14	116.08
100	11.94	17.37	20.13	22.10	24.10	25.18	27.34	29.74	34.24	38.30	46.80	70.20	122.94
200	12.92	18.49	21.47	23.45	26.10	27.17	29.40	31.89	36.51	41.06	49.60	75.05	129.40
1000	15.13	22.50	25.82	28.04	30.58	31.83	33.97	36.85	41.47	47.17	56.84	85.71	143.29
10000	18.17	27.45	31.28	33.78	36.76	37.73	40.19	43.06	48.04	55.41	66.25	99.96	161.32
PMP	35.97	52.04	60.63	67.01	72.79	76.40	83.16	91.50	107.96	117.70	144.27	218.05	362.94
MEAN	5.733	7.927	9.363	10.470	11.482	12.253	13.633	15.000	17.655	19.342	23.946	35.922	72.279
CLOCK MP. COH.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.295	.812	.582	.396	.347	.300	.487	.221	.503	.147	.507	.409	1.038
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	5.543	3.497	2.751	2.191	2.214	2.269	2.678	2.493	2.210	2.048	2.744	2.581	3.601
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1953	1938	1938	1953	1953	1930	1930	1930	1938	1958	1953	1938	1938
RECORD MAXIMUM	10.990	13.550	15.350	15.760	17.610	14.900	21.720	22.780	26.930	28.720	34.840	54.740	117.920
NORMALIZED MAX	2.243	2.659	1.896	1.601	1.822	1.821	2.068	1.822	1.794	1.772	2.250	1.948	2.214
CALC. COEF. VAR	.339	.344	.337	.316	.296	.298	.287	.284	.293	.274	.276	.297	.285
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.339	.335	.338	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0793	.1097	.1295	.1447	.1589	.1695	.1886	.2065	.2443	.2676	.3313	.4970	1.0000
RP10/A	.1166	.1642	.1929	.2148	.2348	.2488	.2745	.3048	.3549	.3888	.4702	.7209	1.3529
RP25/A	.1364	.1955	.2282	.2504	.2757	.2904	.3161	.3482	.4058	.4484	.5496	.8273	1.5039
RP50/A	.1512	.2182	.2537	.2797	.3050	.3199	.3488	.3906	.4498	.4961	.5984	.9013	1.6060
RP100/A	.1652	.2403	.2785	.3058	.3334	.3483	.3783	.4115	.4737	.5299	.6447	.9713	1.7009
RP1000/A	.2093	.3113	.3572	.3896	.4231	.4376	.4706	.5070	.5737	.6526	.7884	1.1958	1.9825
RP10000/A	.2514	.3798	.4427	.4874	.5060	.5219	.5500	.5957	.6848	.7867	.9166	1.3829	2.2320
PMP/A	.4967	.7200	.8348	.9271	1.0071	1.0570	1.1506	1.2659	1.4936	1.6283	1.9981	3.0167	5.0200

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 2910 0	STATION NAME EUREKA WA	ELEV 43	SEC 22	TWP 05N	RNG LOT 01W	RWH M	LATITUDE 40.810	LONGITUDE 124.167	COUNTY CODE 12				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.71	3.45	4.09	4.48	4.84	5.21	5.90	6.66	7.96	8.93	11.32	17.25	38.89
5	3.44	4.74	4.58	6.08	6.55	6.99	7.84	8.82	10.48	11.82	14.89	22.75	48.26
10	4.25	5.60	6.56	7.10	7.65	8.12	9.05	10.14	11.97	13.58	17.03	26.04	53.57
20	4.41	6.41	7.48	8.06	8.67	9.15	10.15	11.33	13.29	15.18	18.95	28.90	58.17
25	4.98	6.67	7.76	8.35	8.98	9.47	10.48	11.77	13.68	15.66	19.53	29.89	59.55
40	5.07	7.20	8.35	8.50	9.14	10.13	11.18	12.44	14.49	16.66	20.72	31.71	62.33
50	5.51	7.44	8.63	9.25	9.94	10.43	11.50	12.79	14.87	17.12	21.27	32.56	63.59
100	6.02	8.20	9.47	10.11	10.86	11.36	12.47	13.83	15.99	18.51	22.91	35.09	67.35
200	6.53	8.94	10.29	10.96	11.76	12.26	13.41	14.83	17.08	19.84	24.49	37.51	76.89
1000	7.03	11.62	12.15	12.95	13.79	14.26	15.49	17.04	19.35	22.80	27.95	42.83	78.50
10000	9.16	12.96	14.71	15.46	16.57	17.02	18.33	20.02	22.42	26.78	32.58	49.95	88.38
PMP	18.10	24.56	28.52	30.66	32.81	34.47	37.92	42.54	50.38	56.88	70.94	108.97	198.77
MEAN	2.888	3.742	4.405	4.791	5.176	5.529	6.217	6.973	8.238	9.347	11.774	17.952	39.595
CLOCK MP. COH.	1.140	1.070	1.040	1.020	1.011	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.115	.805	.581	.398	.347	.300	.827	.566	.267	.147	.507	.409	1.038
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.760	3.955	4.044	4.212	3.709	3.113	3.536	3.465	4.213	3.807	5.154	4.812	3.980
N	88	88	88	88	88	88	88	88	88	88	88	88	88
RECORD YEAR	1951	1890	1951	1890	1951	1951	1890	1903	1890	1890	1890	1890	1890
RECORD MAXIMUM	5.040	7.110	8.520	9.650	10.120	10.330	12.440	13.990	17.240	19.040	26.320	39.040	74.100
NORMALIZED MAX	2.134	2.711	2.965	3.118	2.960	2.669	3.132	3.164	3.374	3.443	4.009	3.717	3.518
CALC. COEF. VAR	.349	.325	.313	.325	.323	.325	.320	.318	.324	.301	.308	.316	.288
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0730	.0945	.1112	.1210	.1307	.1396	.1575	.1761	.2081	.2361	.2974	.4534	1.0000
RP10/A	.1414	.1944	.2357	.2574	.2801	.2950	.2885	.2591	.3023	.3430	.4361	.6577	1.3529
RP25/A	.1258	.1684	.1960	.2110	.2268	.2392	.2648	.2954	.3450	.3956	.4933	.7548	1.5039
RP50/A	.1391	.1880	.2179	.2336	.2510	.2635	.2904	.3240	.3754	.4324	.5371	.8222	1.6060
RP100/A	.1520	.2071	.2391	.2555	.2744	.2869	.3149	.3495	.4035	.4674	.5686	.8661	1.7009
RP1000/A	.1926	.2682	.3068	.3246	.3482	.3605	.3913	.4302	.4887	.5757	.7058	1.0817	1.9825
RP10000/A	.2313	.3273	.3716	.3904	.4185	.4299	.4629	.5055	.5661	.6763	.8272	1.2616	2.2320
PMP/A	.4570	.6904	.7203	.7744	.8287	.8704	.9578	1.0742	1.2723	1.4365	1.7916	2.7521	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 3320 0	STATION NAME GAMHERVILLE	ELEV 224	SEC 340	TMP 24	ANG LOT n45 n3E	HMM H	LATITUDE 40.110	LONGITUDE 123.800	COUNTY CODE 12				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.73	6.05	7.44	8.45	9.30	10.18	11.53	12.62	14.87	16.39	19.96	29.84	57.93
5	5.82	5.31	10.15	11.46	12.57	13.65	15.32	16.72	19.59	21.69	26.26	39.34	71.89
10	6.79	4.02	11.92	13.39	14.68	15.64	17.67	19.22	22.37	24.92	30.03	45.04	79.80
20	7.69	11.24	13.54	14.39	15.63	17.46	19.81	21.47	24.83	27.95	33.41	50.14	86.95
25	7.96	11.64	14.31	16.75	17.24	18.49	20.47	22.17	25.57	28.74	34.44	51.69	88.71
40	8.10	12.61	15.18	16.92	17.54	19.77	21.83	23.56	27.08	30.57	36.54	54.85	92.84
50	8.81	13.04	15.68	17.44	18.08	20.37	22.45	24.23	27.78	31.42	37.50	56.31	94.73
100	9.67	14.37	17.21	19.67	20.48	22.18	24.35	26.36	29.86	33.96	40.40	60.68	100.33
200	10.41	15.47	18.71	21.66	22.58	23.93	26.18	28.05	31.84	36.41	43.18	64.87	105.60
1000	12.19	18.61	22.08	24.23	26.40	27.86	30.25	32.26	36.16	41.83	49.28	74.08	114.93
10000	14.64	22.71	26.75	29.14	31.81	33.23	35.79	37.92	41.09	49.14	57.45	86.40	131.65
PMP	28.92	43.05	51.84	57.81	62.90	67.29	74.06	80.34	94.13	104.38	125.10	186.48	260.09
MEAN	4.617	6.558	8.007	9.033	9.934	10.793	12.141	13.212	15.394	17.153	20.763	31.050	58.983
CLOCK HR. COR.	1.140	1.079	1.140	1.020	1.030	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.376	2.095	2.023	1.761	1.834	1.814	1.410	1.267	.980	1.365	.861	.345	.616
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	5.926	9.462	9.212	8.001	8.063	7.084	6.009	6.242	5.149	7.073	4.000	2.135	3.591
N	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	8.299	15.280	18.530	20.530	21.530	22.350	23.750	25.340	29.120	35.490	36.460	47.610	92.300
NORMALIZED MAX	2.406	3.334	3.680	3.507	3.337	3.227	3.284	3.101	3.430	3.937	2.736	1.937	2.600
CALC. COEF. VAR	.331	.399	.378	.369	.333	.321	.299	.279	.288	.312	.276	.275	.217
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0783	.1112	.1357	.1531	.1684	.1830	.2058	.2244	.2610	.2908	.3520	.5264	1.0000
RP10/A	.1151	.1664	.2022	.2271	.2488	.2686	.2995	.3258	.3792	.4226	.5092	.7636	1.3529
RP25/A	.1356	.1981	.2392	.2670	.2923	.3134	.3471	.3756	.4335	.4873	.5839	.8764	1.5039
RP50/A	.1493	.2212	.2659	.2956	.3234	.3453	.3807	.4105	.4710	.5326	.6359	.9547	1.6060
RP100/A	.1682	.2438	.2918	.3233	.3535	.3826	.4245	.4442	.5082	.5758	.6859	1.0268	1.7009
RP1000/A	.2067	.3156	.3743	.4108	.4487	.4779	.5129	.5473	.6130	.7093	.8355	1.2550	1.9825
RP10000/A	.2482	.3850	.4535	.4941	.5393	.5634	.6068	.6431	.7102	.8332	.9739	1.4648	2.2320
PMP/A	.4604	.7299	.8790	.9801	1.0678	1.1409	1.2556	1.3664	1.5959	1.7696	2.1209	3.1954	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 4690 0	STATION NAME LAKE MOUNTAIN	ELEV 3170	SEC 21	TMP 055	ANG LOT 07E	HMM M	LATITUDE 40.017	LONGITUDE 123.400	COUNTY CODE 53				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.22	5.96	6.99	7.91	8.76	9.27	10.58	11.64	13.78	15.57	19.07	28.23	56.63
5	5.68	6.19	9.53	10.73	11.84	12.44	14.05	15.42	18.15	20.61	25.09	37.22	70.27
10	6.68	11.08	11.20	12.55	13.82	14.44	16.21	17.73	20.73	23.69	28.69	42.61	76.00
20	7.50	12.77	14.23	15.67	16.88	18.18	19.81	23.01	26.47	31.92	47.43	84.71	
25	7.77	11.52	13.25	14.75	16.24	16.85	18.79	20.45	23.70	27.32	32.90	48.90	86.71
40	7.90	12.43	14.26	15.01	16.52	16.82	20.03	21.75	25.10	29.06	34.91	51.89	90.76
50	8.59	12.86	14.73	16.33	17.97	18.56	20.35	22.35	25.74	29.88	35.63	53.27	92.80
100	9.39	14.17	16.17	17.86	19.64	20.21	22.34	24.17	27.67	32.28	38.60	57.41	98.07
200	10.16	15.45	17.57	19.35	21.27	21.81	24.02	25.91	29.50	34.61	41.25	61.38	103.23
1000	11.89	16.35	20.74	22.70	24.63	25.34	27.76	29.78	33.51	39.76	47.08	70.09	114.31
10000	14.28	22.39	25.13	27.30	29.96	30.28	34.98	38.61	46.71	54.88	81.74	128.85	
PMP	28.22	42.44	48.71	54.15	59.33	61.33	67.96	74.35	87.23	99.20	119.51	178.31	269.44
MEAN	4.505	6.464	7.522	8.461	9.358	9.836	11.141	12.108	14.265	16.303	19.836	29.376	57.658
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.765	2.050	1.943	1.674	1.687	1.570	1.384	1.268	1.222	.802	.732	.675	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	7.705	9.300	8.859	7.405	7.413	6.735	6.568	5.907	4.066	5.972	3.322	2.703	3.096
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	8.800	15.260	16.920	18.880	20.520	20.960	22.820	23.744	25.730	32.310	33.940	46.730	86.700
NORMALIZED MAX	2.479	3.011	3.107	3.050	3.087	2.972	3.034	2.916	2.548	2.919	2.214	1.908	2.028
CALC. COEF. VAR	.305	.402	.403	.386	.381	.346	.325	.315	.336	.321	.310	.248	
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0781	.1121	.1305	.1467	.1623	.1706	.1932	.2114	.2474	.2827	.3440	.5095	1.0000
RP10/A	.1140	.1678	.1943	.2176	.2398	.2504	.2812	.3074	.3595	.4108	.4976	.7390	1.3529
RP25/A	.1346	.1998	.2359	.2659	.2898	.3058	.3416	.3738	.4319	.4738	.5707	.8601	1.5039
RP50/A	.1490	.2230	.2555	.2833	.3116	.3219	.3573	.3877	.4484	.5179	.6214	.9239	1.6060
RP100/A	.1628	.2457	.2804	.3098	.3406	.3505	.3875	.4192	.4798	.5598	.6694	.9957	1.7009
RP1000/A	.2063	.3192	.3597	.3936	.4323	.4404	.4815	.5164	.5811	.6896	.8166	1.2156	1.9825
RP10000/A	.2477	.3873	.4358	.4735	.5196	.5252	.5686	.6062	.6732	.8100	.9518	1.4177	2.2320
PMP/A	.4895	.7300	.8448	.9392	1.0290	1.0636	1.1787	1.2894	1.5128	1.7205	2.0728	3.0926	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 4851 0	STATION NAME LAYTONVILLE	ELEV 1040	SEC 01	TWP 21N	RNG LOT 15W	RWM M	LATITUDE 39.700	LONGITUDE 123.443	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.12	7.03	7.86	8.49	9.70	10.43	11.94	13.28	15.33	17.04	20.88	30.38	57.66
5	6.89	9.66	10.73	12.05	13.11	13.98	15.85	17.59	20.19	22.55	27.47	40.05	71.55
10	8.03	11.42	12.61	14.09	15.31	16.23	18.29	20.22	23.06	25.91	31.42	45.86	79.42
20	9.09	13.07	14.37	15.48	17.35	18.30	20.51	22.61	25.59	28.95	34.95	51.05	86.24
40	9.42	13.59	14.92	16.57	17.98	18.44	21.19	23.32	26.36	29.48	36.03	52.63	86.29
25	9.58	14.67	16.05	16.85	18.24	20.26	22.50	24.81	27.92	31.78	38.22	55.85	92.40
50	10.42	15.17	16.58	17.34	19.90	20.67	23.24	25.56	28.64	32.66	39.23	57.33	94.28
100	11.34	16.71	18.20	20.06	21.75	22.72	25.21	27.57	30.78	35.31	42.26	61.78	99.85
200	12.31	18.23	19.78	21.73	23.55	24.52	27.10	29.56	32.82	37.86	45.17	66.05	105.10
1000	14.42	21.65	23.34	25.49	27.60	28.55	31.32	33.97	37.27	43.49	51.50	75.42	116.38
10000	17.32	26.42	28.28	30.66	32.17	34.05	37.05	39.91	43.18	51.67	61.04	87.96	131.02
RMP	36.21	5.08	54.82	67.61	85.69	86.95	78.67	84.61	97.04	106.52	130.86	191.89	294.69
MEAN	5.461	7.628	8.466	9.501	10.361	11.059	12.568	13.903	15.869	17.834	21.720	31.613	58.704
CLOCK HR. COR.	1.140	1.178	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.171	2.861	2.762	2.541	2.528	2.421	2.336	2.144	1.783	2.011	1.568	.934	.153
REGIONAL SKEW	1.100	1.300	1.200	1.103	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	7.259	13.610	12.671	11.189	10.720	9.911	9.846	8.887	7.526	8.834	5.610	3.361	2.058
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	12.340	22.730	25.620	27.500	29.050	29.530	30.860	31.988	35.820	41.550	43.000	55.150	84.040
NORMALIZED MAX	2.587	3.444	3.572	3.547	3.536	3.429	3.474	3.376	3.249	3.404	2.818	2.227	1.736
CALC. COEF. VAR	.488	.575	.567	.534	.510	.487	.419	.385	.387	.391	.348	.334	.249
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0930	.1299	.1442	.1619	.1765	.1884	.2141	.2366	.2703	.3038	.3570	.5385	1.0000
RP10/A	.1368	.1945	.2148	.2400	.2688	.2765	.3116	.3444	.3928	.4414	.5302	.7811	1.3529
RP25/A	.1605	.2316	.2541	.2822	.3063	.3227	.3610	.3973	.4490	.5091	.6137	.8865	1.5039
RP50/A	.1774	.2685	.2825	.3125	.3389	.3555	.3959	.4344	.4878	.5564	.6633	.9766	1.6080
RP100/A	.1938	.2947	.3100	.3417	.3704	.3811	.4294	.4694	.5243	.6015	.7200	1.0525	1.7009
RP1000/A	.2456	.3688	.3977	.4362	.4702	.4863	.5335	.5766	.6349	.7409	.8782	1.2848	1.9825
RP10000/A	.2950	.4500	.4818	.5222	.5651	.5800	.6311	.6798	.7356	.8703	1.0237	1.4985	2.2320
RMP/A	.5828	.8530	.9338	1.0359	1.1190	1.1746	1.3060	1.4447	1.6530	1.8886	2.2292	3.2688	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 5713 0	STATION NAME MIRANDA SPENGLER RCH 248			ELEV 400	SEC 19	TWP 035	RNG LOT 04E	RWM M	LATITUDE 40.200	LONGITUDE 123.767	COUNTY CODE 12		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.81	5.45	6.68	7.57	8.43	9.26	10.61	11.67	13.85	15.60	18.71	27.71	54.94
5	5.13	7.48	9.12	10.27	11.40	12.42	14.09	15.45	18.24	20.64	24.62	36.54	68.18
10	5.97	8.84	10.72	12.00	13.31	14.41	16.28	17.76	20.83	23.72	28.11	41.83	75.68
20	6.76	10.13	12.21	13.61	15.08	16.25	18.23	19.65	23.12	26.51	31.33	46.56	82.18
40	7.01	10.53	12.68	14.11	15.63	16.82	18.84	20.49	23.81	27.36	32.29	48.00	84.13
50	7.13	11.36	13.64	14.36	15.99	17.99	20.08	21.80	25.22	29.10	34.26	50.94	86.05
100	7.75	11.75	14.09	15.63	17.30	18.53	20.66	22.40	25.87	29.90	35.16	52.29	89.84
200	8.46	12.95	15.47	17.09	18.91	20.18	22.40	24.22	27.80	32.33	37.89	56.36	95.14
1000	9.16	14.12	16.81	18.51	20.48	21.78	24.09	25.97	29.65	34.66	40.48	60.25	100.15
10000	10.73	16.77	19.64	21.71	24.00	25.35	27.84	29.84	33.67	39.82	46.21	68.40	110.90
RMP	25.45	38.79	46.60	51.81	57.12	61.62	68.14	74.50	87.65	99.35	117.29	175.03	280.80
MEAN													
CLOCK HR. COR.	1.140	1.170	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.924	1.610	1.235	.861	.781	.723	.640	.486	.219	.438	.261	.164	.165
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS													
N	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	7.480	12.330	13.970	14.930	15.960	16.620	18.370	19.600	23.730	26.820	31.130	45.110	82.090
NORMALIZED MAX	2.697	3.151	2.919	2.716	2.662	2.477	2.355	2.246	2.234	2.636	2.139	1.902	2.163
CALC. COEF. VAR	.312	.345	.322	.311	.309	.293	.273	.260	.293	.290	.280	.297	.216
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A													
RP10/A	.1068	.1581	.1916	.2146	.2379	.2577	.2906	.3175	.3723	.4241	.5034	.7478	1.3529
RP25/A	.1253	.1882	.2267	.2523	.2795	.3007	.3368	.3630	.4257	.4691	.5713	.8461	1.5159
RP50/A	.1385	.2101	.2520	.2794	.3093	.3273	.3693	.4004	.4624	.5036	.6286	.9388	1.6060
RP100/A	.1513	.2314	.2765	.3055	.3380	.3607	.4005	.4330	.4970	.5780	.6772	1.0075	1.7009
RP1000/A	.1918	.2998	.3548	.3882	.4290	.4531	.4976	.5334	.6019	.7119	.8260	1.2299	1.9825
RP10000/A	.2330	.3658	.4298	.4669	.5157	.5405	.5887	.6297	.6973	.8362	.9629	1.3920	2.2320
RMP/A	.6550	.6934	.8330	.9262	1.0211	1.0945	1.2182	1.3519	1.5870	1.7762	2.0968	3.1291	5.0200

PEAKSHO TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 A045 U	STATION NAME SCOTIA	ELEV 263	SEC 139	TWP 07	RNG LOT 01N 01E	HWM M	LATITUDE 40.4483	LONGITUDE 124.100	COUNTY 12			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=0.045 H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	AD	100	150	200	300	600
2	3.63	4.72	5.79	6.44	7.03	7.61	8.69	9.65	11.52	12.93	16.07	24.01
5	4.69	6.49	7.90	8.78	9.50	10.20	11.54	12.78	15.18	17.12	21.15	31.66
10	5.70	7.67	9.26	10.27	11.09	11.84	13.31	14.67	17.33	19.67	24.14	36.24
20	6.46	8.78	10.58	11.65	12.57	13.35	14.93	16.42	19.23	21.98	26.91	40.35
25	6.69	9.13	10.98	12.07	13.03	13.82	15.42	16.95	19.81	22.68	27.74	41.60
40	6.81	9.86	11.62	12.78	13.66	14.78	16.44	18.03	20.98	24.13	29.42	44.14
50	7.40	10.19	12.21	13.37	14.42	15.23	16.92	18.53	21.52	24.79	30.20	45.31
100	8.68	11.23	13.40	14.62	15.76	16.58	18.34	20.03	23.13	26.40	32.54	48.83
200	8.75	12.24	14.56	15.94	17.07	17.89	19.72	21.44	24.67	28.74	34.77	52.20
1000	10.24	14.55	17.19	18.57	20.00	20.83	22.79	24.68	28.01	33.01	39.69	59.61
10000	17.30	17.75	20.82	22.34	24.04	24.84	26.96	29.08	32.45	36.78	46.26	69.53
RMP	24.70	33.64	40.36	44.32	47.61	50.31	55.80	61.63	72.93	82.37	100.74	151.67
MEAN	3.479	5.124	6.233	6.924	7.510	8.069	9.147	10.103	11.926	13.537	16.721	24.987
CLOCK HR. COR.	1.144	1.176	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.541	.744	1.047	1.030	1.140	1.102	.995	.980	.780	.633	.498	.481
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.980	.800	.600	.400	.200	.700
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700
KURTOSIS	2.542	2.412	3.493	3.690	4.284	4.480	4.141	4.333	3.383	2.912	3.364	2.462
N	35	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1954	1951	1951	1951	1956	1956	1956	1950	1938	1956	1956	1956
RECORD MAXIMUM	5.340	7.440	9.950	11.800	13.630	15.060	16.530	18.81	20.450	22.700	29.600	39.400
NORMALIZED MAX	1.450	1.784	2.177	2.327	2.665	2.838	2.770	2.896	2.432	2.302	2.629	1.980
CALC. COEF. VAR	.275	.275	.277	.290	.306	.305	.291	.294	.301	.294	.295	.293
REGD. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.339	.335	.338	.338
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338
MEAN/A	.0769	.1016	.1236	.1373	.1490	.1601	.1814	.2004	.2366	.2685	.3317	.4956
RP10/A	.1131	.1521	.1841	.2036	.2201	.2349	.2600	.2914	.3367	.3802	.4749	.7189
RP25/A	.1377	.1811	.2178	.2395	.2585	.2742	.3060	.3362	.3903	.4449	.5502	.8251
RP50/A	.1467	.2022	.2421	.2651	.2860	.3020	.3355	.3675	.4261	.4918	.5991	.8988
RP100/A	.1803	.2227	.2657	.2900	.3126	.3289	.3639	.3974	.4588	.5317	.6454	.9466
RP1000/A	.2031	.2485	.2939	.3084	.3468	.4131	.4521	.4896	.5557	.6548	.7872	1.1425
RP10000/A	.2439	.3520	.4130	.4341	.4769	.5348	.5752	.6437	.7692	.9176	1.3791	2.2320
RMP/A	.4420	.6673	.8805	.9790	.9444	.9979	1.1068	1.2224	1.4466	1.6339	1.9982	3.0084

PRECIPITATION DPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F60 9685 0	STATION NAME WILLIS HOWARD R S	ELEV 1925	SEC 05	TWP 17N	RNG LOT 13W	HWM M	LATITUDE 39.3550	LONGITUDE 123.317	COUNTY 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	AD	100	150	200	300	600	3650	
2	4.33	5.81	6.73	7.37	8.03	8.68	9.63	10.84	12.74	14.29	17.52	25.61	49.45
5	5.87	7.99	9.18	9.99	10.45	11.64	12.79	14.36	16.78	18.92	23.04	33.77	61.36
10	6.79	9.44	10.79	11.60	12.67	13.52	14.75	16.51	19.16	21.74	26.36	38.66	68.11
20	7.49	10.81	12.29	13.24	14.36	15.24	16.54	18.45	21.27	24.29	29.32	43.03	73.96
25	7.96	11.24	12.76	13.73	14.89	15.77	17.10	19.05	21.90	25.07	30.23	44.37	75.72
40	8.10	12.13	13.73	13.97	15.14	16.47	18.22	20.26	23.20	26.67	32.07	47.08	79.25
50	8.61	12.54	14.19	15.20	16.47	17.38	19.75	20.82	23.79	27.41	32.91	46.33	80.80
100	9.62	13.82	15.57	16.63	18.00	18.92	20.33	22.51	25.57	29.63	35.46	52.00	85.63
200	10.41	15.07	16.92	18.01	19.50	20.42	21.86	24.14	27.27	31.77	37.90	55.69	90.14
1000	12.19	17.40	19.47	21.12	22.85	23.77	25.26	27.74	30.47	36.49	43.25	63.58	99.41
10000	16.64	21.94	24.26	25.41	27.46	28.35	29.88	32.59	35.86	42.87	50.42	74.16	112.37
RMP	26.93	41.40	46.90	50.40	54.38	57.42	61.84	69.26	80.63	91.05	109.74	161.77	252.73
MEAN	4.617	6.306	7.243	7.875	8.578	9.209	10.138	11.354	13.186	14.943	18.222	26.650	50.345
CLOCK HR. COR.	1.144	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.030	1.490	1.968	1.852	1.848	2.004	1.992	1.743	1.508	1.549	1.174	.987	.210
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	4.818	6.262	8.342	7.205	6.422	7.003	7.893	6.728	6.172	6.441	4.154	3.309	2.305
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1958
RECORD MAXIMUM	8.800	14.520	16.990	20.000	20.690	21.690	23.660	25.28	28.380	32.720	44.300	68.080	117.710
NORMALIZED MAX	2.194	2.747	3.062	3.063	3.010	3.178	3.256	3.120	3.072	3.107	2.520	2.365	1.870
CALC. COEF. VAR	.413	.474	.513	.494	.468	.399	.410	.393	.375	.382	.340	.240	.227
REGD. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0917	.1252	.1439	.1564	.1704	.1829	.2014	.2255	.2619	.2972	.3619	.5294	1.0000
RP10/A	.1349	.1875	.2143	.2317	.2517	.2685	.2930	.3280	.3806	.4319	.5236	.7678	1.3529
RP25/A	.1542	.2232	.2535	.2727	.2957	.3119	.3399	.3763	.4351	.4980	.6012	.8503	
RP50/A	.1749	.2492	.2818	.3020	.3272	.3462	.3724	.4136	.4725	.5444	.6538	.9000	1.5039
RP100/A	.1911	.2745	.3093	.3302	.3576	.3759	.4038	.4472	.5080	.5895	.7043	1.0346	1.7009
RP1000/A	.2421	.3555	.3967	.4196	.4538	.4722	.5018	.5511	.6152	.7249	.8591	1.2630	1.9825
RP10000/A	.2908	.4338	.4806	.5047	.5455	.5632	.5936	.6517	.7615	.9015	1.0010	1.2000	2.2320
RMP/A	.5745	.8823	.9315	1.0011	1.0802	1.1405	1.2283	1.3756	1.6016	1.8085	2.1807	3.2132	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB F60 9686 0	STATION NAME WILLETS	ELEV 154	SEC 1365	TWP 18	RNG LOT 14N 13W L M	RMM 39.4+03	LATITUDE 123.352	LONGITUDE 23	COUNTY CODE				
MAXIMUM PRECIPITATION FOR INDICATED DURATION-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.15	5.53	6.43	7.21	7.88	8.55	9.77	10.64	12.03	13.11	16.15	23.76	46.52
5	5.59	7.60	8.77	9.77	10.66	11.46	12.98	14.11	15.95	17.35	21.24	31.33	57.72
10	6.42	8.98	10.31	11.42	12.45	13.31	14.98	16.20	18.10	19.94	24.30	35.87	64.07
20	7.38	10.29	11.75	12.96	14.10	15.00	16.79	18.11	20.09	22.28	27.43	39.93	69.58
25	7.65	10.69	12.19	13.43	14.62	15.53	17.35	18.69	20.64	22.99	27.87	41.16	71.23
40	7.78	11.54	13.12	13.67	14.87	16.01	18.50	19.88	21.92	24.46	29.56	43.68	74.55
50	8.46	11.74	13.56	14.87	16.10	17.11	19.03	20.43	22.48	25.13	30.34	44.84	76.06
100	9.24	13.15	14.98	16.26	17.68	18.63	20.64	22.09	24.16	27.11	32.69	48.33	80.56
200	10.00	14.34	16.17	17.62	19.15	20.10	22.19	23.69	25.76	29.13	34.93	51.66	84.79
1000	11.71	17.03	19.08	20.60	22.44	23.40	25.65	27.22	29.20	33.47	39.87	59.00	93.89
10000	14.06	21.06	23.12	24.86	26.97	27.91	30.34	31.98	33.28	39.31	46.48	68.80	105.71
PMF	27.78	39.39	44.81	49.30	53.41	56.52	62.78	67.97	76.17	83.50	101.21	150.09	237.75
MEAN	4.434	6.001	6.921	7.703	8.424	9.065	10.291	11.142	12.450	13.723	16.798	24.727	47.360
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.736	.621	.670	.680	.650	.570	.813	.602	.337	.382	.710	.912	.925
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.946	2.709	3.037	3.274	2.751	3.131	4.212	3.402	2.461	2.619	3.408	2.932	4.379
RECORD YEAR	49	49	49	49	49	49	49	49	48	48	48	48	48
RECORD MAXIMUM	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938
NORMALIZED MAX	1.441	1.070	1.100	1.150	1.570	18.100	22.550	23.300	22.940	25.750	32.810	44.860	97.160
CALC. COEF. VAR	.369	.354	.343	.365	.355	.361	.368	.363	.337	.352	.369	.382	.335
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.339	.335	.338	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.341	.339	.335	.338	.338	.268
MEAN/A	.0935	.1267	.1461	.1627	.1779	.1914	.2173	.2353	.2631	.2897	.3547	.5221	1.0000
RP10/A	.1377	.1896	.2176	.2412	.2628	.2809	.3162	.3422	.3822	.4210	.5131	.7573	1.3529
RP25/A	.1615	.2259	.2575	.2836	.3087	.3279	.3664	.3947	.4359	.4855	.5884	.8692	1.5039
RP50/A	.1785	.2521	.2862	.3140	.3415	.3612	.4019	.4315	.4745	.5307	.6607	.9726	1.6050
RP100/A	.1950	.2774	.3141	.3434	.3733	.3933	.4360	.4663	.5101	.5737	.7002	1.0204	1.7009
RP1000/A	.2472	.3596	.4030	.4383	.4738	.4941	.5415	.5748	.6178	.7065	.8419	1.2457	1.9825
RP10000/A	.2968	.4388	.4882	.5248	.5695	.5893	.6406	.6753	.7157	.8301	.9813	1.4528	2.2320
PMF/A	.5365	.6318	.6962	1.0410	1.1277	1.1934	1.3255	1.4351	1.6093	1.7631	2.1370	3.1692	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB F70 9177 0	STATION NAME UPPER MATTOLE	ELEV 144	SEC 255	TWP 33	RNG LOT 02S 01W	RMM 40.250	LATITUDE 124.183	LONGITUDE 12	COUNTY CODE				
MAXIMUM PRECIPITATION FOR INDICATED DURATION-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.63	7.70	9.10	10.71	11.33	12.74	14.64	15.76	19.13	21.43	25.76	37.93	77.93
5	7.58	10.59	12.41	14.52	15.31	17.08	19.45	20.87	25.20	28.36	33.90	50.02	96.70
10	8.84	12.50	14.59	16.97	17.68	19.83	22.44	23.99	28.77	32.60	38.77	57.26	107.34
20	10.00	14.32	16.62	19.25	20.26	22.36	25.17	26.81	31.94	35.42	43.03	63.74	116.56
25	10.37	14.89	17.26	19.96	21.00	23.14	26.00	27.67	32.90	37.59	44.46	65.71	119.32
40	10.54	16.07	18.57	21.30	21.36	24.75	27.72	29.44	34.84	39.98	47.17	69.73	124.89
50	11.66	16.62	19.18	22.10	21.24	25.50	28.52	30.25	35.74	41.09	48.41	71.59	127.42
100	12.52	18.31	21.05	24.18	25.40	27.76	30.93	32.71	38.41	44.42	52.16	77.15	134.95
200	13.55	19.76	22.88	26.18	27.51	29.96	33.25	35.07	40.96	47.62	55.74	82.48	142.05
1000	15.87	23.71	27.01	31.70	32.84	34.87	38.43	40.30	46.52	54.71	63.62	94.18	157.29
10000	19.05	28.93	32.72	36.93	38.75	41.60	45.46	47.35	53.89	64.27	74.16	109.84	177.08
PMF	37.65	54.85	63.42	73.25	76.73	84.23	94.07	100.62	121.10	136.50	161.49	239.41	394.29
MEAN	6.009	8.354	9.794	11.446	12.102	13.510	15.421	16.496	19.804	22.433	26.804	39.475	79.341
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.734	.970	.884	.327	.431	.187	.248	.399	.207	.010	.548	.020	.189
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	3.131	3.736	3.346	2.886	2.851	3.047	3.001	2.980	2.524	2.590	3.081	2.175	2.592
RECORD YEAR	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD MAXIMUM	94.350	14.300	17.240	17.980	20.760	21.540	24.860	31.240	34.350	35.650	50.700	63.890	130.640
NORMALIZED MAX	1.470	2.310	2.246	2.109	2.381	2.225	2.241	2.627	2.650	2.032	2.505	1.926	2.413
CALC. COEF. VAR	.297	.307	.313	.273	.300	.269	.273	.297	.298	.267	.356	.221	.260
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0757	.1053	.1234	.1443	.1525	.1703	.1944	.2079	.2496	.2827	.3378	.4975	1.0000
RP10/A	.1114	.1576	.1838	.2139	.2253	.2499	.2828	.3024	.3627	.4108	.4887	.7217	1.3529
RP25/A	.1307	.1877	.2175	.2515	.2647	.2917	.3278	.3488	.4146	.4738	.5604	.8283	1.5039
RP50/A	.1458	.2095	.2413	.2765	.2929	.3213	.3595	.3813	.4504	.5178	.6102	.9023	1.6050
RP100/A	.1578	.2307	.2653	.3046	.3201	.3499	.3894	.4123	.4841	.5598	.6574	.9724	1.7009
RP1000/A	.2000	.2989	.3404	.3807	.4063	.4395	.4843	.5079	.5863	.6896	.8019	1.1871	1.9825
RP10000/A	.2402	.3647	.4124	.4655	.4884	.5243	.5730	.5968	.6792	.8100	.9337	1.3844	2.2320
PMF/A	.4745	.6913	.7993	.9233	.9671	1.0617	1.1856	1.2683	1.5263	1.7205	2.0354	3.0201	5.0200

PEAKSHO TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F80 3161 0	STATION NAME FORT BRAGG	ELEV 60	SEC 06	TWP 14N	RNG LOT 17W N	MM M	LATITUDE 39.613	LONGITUDE 123.867	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.49	3.72	4.31	4.77	5.19	5.53	6.40	7.20	8.75	10.10	12.69	18.73	37.39
5	3.49	5.11	5.88	6.47	7.02	7.42	8.50	9.54	11.53	13.36	16.70	24.70	46.40
10	4.54	6.04	6.91	7.56	8.20	8.61	9.80	10.97	13.17	15.16	19.10	28.28	51.50
20	5.14	6.92	7.88	8.58	9.29	9.71	10.99	12.25	14.61	17.10	21.25	31.48	55.93
25	5.33	7.19	8.18	8.90	9.63	10.05	11.36	12.65	15.05	17.71	21.40	32.46	57.26
40	5.82	7.70	8.80	9.55	9.79	10.75	12.11	13.46	15.94	18.84	23.24	34.44	59.92
50	5.89	8.03	9.03	9.85	10.65	11.07	12.46	13.83	16.35	19.36	23.85	35.36	61.14
100	6.43	8.84	9.94	10.77	11.64	12.06	13.51	14.95	17.58	20.33	25.70	38.10	64.75
200	6.96	9.64	10.84	11.67	12.61	13.01	14.53	16.03	18.74	22.44	27.46	40.73	68.16
1000	8.15	11.45	12.80	13.84	14.78	15.15	16.79	18.42	21.29	25.77	31.34	46.52	75.47
10000	9.79	13.97	15.50	16.46	17.76	18.07	19.86	21.64	24.66	30.28	36.54	54.25	84.97
PMP	19.34	26.49	30.05	32.65	35.17	36.59	41.10	45.99	55.41	64.31	79.56	118.34	191.11
MEAN	3.097	4.034	4.641	5.102	5.547	5.888	6.737	7.540	9.062	10.568	13.205	19.497	38.070
CLOCK HR. COEF.	1.146	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.559	.771	.905	.915	.923	.936	.940	.944	.949	.954	.964	.975	.984
REGIONAL SKEW	1.300	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	3.186	2.903	2.455	2.395	2.836	3.279	2.790	2.440	2.861	2.715	3.481	3.206	2.717
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1953	1956	1956	1965	1965	1965	1965	1965	1968	1968	1958	1956	1958
RECORD MAXIMUM	4.150	5.889	6.320	7.180	8.065	8.778	9.540	10.38	12.181	15.100	20.289	30.200	53.880
NORMALIZED MAX	1.508	1.618	1.629	1.710	1.986	2.242	2.118	2.002	2.008	2.889	2.356	2.739	2.182
CALC. COEF. VAR	.228	.280	.249	.37	.228	.217	.195	.188	.172	.208	.227	.245	.190
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0911	.1060	.1219	.1340	.1457	.1541	.1770	.1981	.2380	.2776	.3469	.5121	1.0000
RP10/A	.1193	.1586	.1815	.1987	.2153	.2262	.2575	.2880	.3459	.4034	.5018	.7420	1.3529
RP25/A	.1399	.1869	.2144	.2349	.2542	.2649	.2960	.3323	.3984	.4652	.5754	.8525	1.5039
RP50/A	.1547	.2108	.2388	.2587	.2798	.2909	.3273	.3632	.4295	.5034	.6265	.9287	1.6060
RP100/A	.1689	.2322	.2620	.2829	.3058	.3167	.3549	.3927	.4617	.5497	.6750	1.0009	1.7009
RP1000/A	.2141	.3301	.3361	.3559	.3881	.3938	.4410	.4899	.5591	.6770	.8233	1.2519	1.9825
RP10000/A	.2571	.3870	.4072	.4324	.4685	.4746	.5217	.5868	.6777	.7953	.9597	1.4250	2.2320
PMP/A	.5081	.6957	.7893	.8577	.9238	.9611	1.0795	1.2081	1.4556	1.6892	2.0699	3.1086	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F80 3191 0	STATION NAME FORT ROSS	ELEV 116	SEC 08N	TWP 12W D	RNG LOT 12W D	MM M	LATITUDE 38.517	LONGITUDE 123.250	COUNTY CODE 49				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.48	4.84	5.50	6.04	6.57	7.13	8.02	8.90	10.72	11.96	14.52	21.48	42.41
5	5.18	6.85	7.51	8.19	8.88	9.57	10.66	11.79	14.12	15.83	19.10	28.33	52.62
10	6.03	7.86	8.82	9.57	10.37	11.10	12.24	13.56	16.12	18.19	21.85	32.43	58.41
20	6.83	9.00	10.05	10.86	11.75	12.52	13.79	15.15	17.89	20.32	24.31	36.10	63.43
25	7.08	9.36	10.44	11.26	12.18	12.96	14.25	15.64	18.43	20.97	25.05	37.22	64.93
40	7.20	10.10	11.23	11.45	12.39	13.86	15.19	16.63	19.52	22.31	26.58	39.50	67.96
50	7.82	10.45	11.60	12.46	13.48	14.28	15.62	17.09	20.02	22.93	27.26	40.55	69.34
100	8.55	11.51	12.73	13.63	14.73	15.55	16.94	18.48	21.52	24.78	29.39	43.70	73.44
200	9.25	12.55	13.84	14.77	15.95	16.78	18.22	19.82	22.94	26.57	31.41	46.72	77.30
1000	10.83	14.91	16.33	17.32	18.69	19.53	21.05	22.77	26.06	30.53	35.85	53.35	85.60
10000	13.01	18.19	19.78	20.83	22.47	23.29	24.91	26.75	30.19	35.86	41.79	62.22	96.37
PMP	25.70	34.49	38.35	41.32	44.49	47.17	51.54	56.86	67.84	76.16	91.00	135.72	216.74
MEAN	4.103	5.253	5.923	6.456	7.018	7.565	8.449	9.321	11.094	12.517	15.103	22.359	43.175
CLOCK HR. COEF.	1.146	1.076	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.158	1.062	1.009	0.971	0.971	0.971	0.819	0.819	0.801	0.897	1.221	1.000	0.663
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.800	0.800	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.800	0.800	0.700	0.700	0.400
KURTOSIS	4.629	3.142	3.507	4.624	4.381	3.596	3.426	2.896	2.975	3.407	4.597	4.184	2.822
N	77	77	77	77	75	76	77	77	77	77	77	77	77
RECORD YEAR	1921	1921	1921	1921	1921	1921	1921	1921	1915	1909	1909	1909	1909
RECORD MAXIMUM	8.810	10.100	12.360	14.960	16.060	16.060	16.980	17.780	21.390	26.670	37.050	53.260	79.170
NORMALIZED MAX	2.857	2.515	3.051	3.680	3.652	3.222	2.878	2.861	2.455	3.000	3.593	3.364	2.534
CALC. COEF. VAR	.402	.367	.356	.358	.353	.349	.351	.341	.378	.377	.404	.411	.329
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0950	.1217	.1372	.1495	.1625	.1752	.1957	.2159	.2570	.2899	.3498	.5179	1.0000
RP10/A	.1397	.1821	.2043	.2217	.2401	.2572	.2848	.3140	.3734	.4212	.5060	.7512	1.3529
RP25/A	.1639	.2168	.2417	.2607	.2821	.3001	.3300	.3622	.4268	.4858	.5861	.8621	1.5039
RP50/A	.1812	.2420	.2667	.2887	.3121	.3307	.3619	.3959	.4637	.5310	.6319	.9391	1.6060
RP100/A	.1980	.2666	.2949	.3157	.3411	.3600	.3925	.4281	.4984	.5740	.6837	1.0121	1.7009
RP1000/A	.2509	.3454	.3783	.4111	.4330	.4522	.4776	.5274	.6036	.7070	.8303	1.2356	1.9825
RP10000/A	.3013	.4214	.4582	.4825	.5204	.5395	.5769	.6197	.6992	.8306	.9679	1.4410	2.2320
PMP/A	.5953	.7968	.8882	.9570	1.0305	1.0925	1.1937	1.3169	1.5713	1.7641	2.1076	3.1435	5.0200

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB F80 T009 U	STATION NAME POINT ARENA	ELEV 122	SEC 12	T&P 12H	RNG LOT 17M	BMM M	LATITUDE 38.917	LONGITUDE 123.760	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.15	4.13	4.56	5.13	5.72	6.04	7.07	7.86	9.31	10.64	13.64	20.03	39.10
5	4.24	5.64	6.22	6.93	7.73	8.10	9.39	10.43	12.27	14.08	17.94	26.42	48.52
10	4.94	6.71	7.31	8.13	9.03	9.40	10.81	11.99	14.00	16.18	20.52	30.24	53.86
20	5.59	7.68	8.34	9.22	10.23	10.60	12.14	13.40	15.54	18.08	22.83	33.66	58.49
25	5.79	7.94	8.65	9.56	10.61	10.97	12.55	13.83	16.01	18.66	23.53	34.71	59.87
50	6.41	8.62	9.31	9.72	10.74	11.12	13.30	14.71	16.96	19.84	24.97	36.83	62.40
100	6.41	8.91	9.62	10.59	11.74	12.09	13.76	15.12	17.39	20.39	25.63	37.81	63.94
200	7.00	9.62	10.56	11.58	12.83	13.16	14.92	16.35	18.69	22.05	27.61	40.75	67.81
1000	7.57	10.71	11.47	12.54	13.69	14.20	16.05	17.53	19.93	23.64	29.50	43.56	71.27
10000	8.87	12.72	13.54	14.71	16.28	16.53	19.54	20.14	22.64	27.15	33.57	49.74	76.92
PMF	10.65	15.92	16.41	17.69	19.57	19.72	21.94	23.67	26.23	31.90	39.25	56.01	88.85
	21.04	29.42	31.80	35.10	38.75	39.93	45.39	51.30	58.94	67.75	85.48	126.55	199.84
MEAN	3.35	4.481	4.911	5.484	6.112	6.485	7.441	8.245	9.639	11.134	14.187	20.849	39.810
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.981	.409	.043	.110	-0.089	.081	.369	.272	.562	.434	1.227	.838	.795
REGIONAL SKEW	1.000	1.300	1.200	1.100	1.000	1.000	.800	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.000	1.000	.800	.800	.800	.800	.700	.700	.400
KURTOSIS	5.493	2.710	2.907	2.504	2.283	2.579	2.537	2.351	3.308	3.535	4.602	3.066	3.884
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1962	1962	1962	1956	1956	1956	1958	1962	1958	1958	1958	1958	1958
RECORD MAXIMUM	4.030	6.160	6.700	7.490	8.610	9.390	10.930	11.840	15.310	18.510	23.590	32.280	60.500
NORMALIZED MAX	1.914	1.497	1.715	1.903	1.905	1.933	1.903	1.873	2.405	2.421	2.377	1.991	2.514
CALC. COEF. VAR	.198	.250	.223	.234	.243	.241	.270	.261	.255	.274	.274	.275	.206
REGION. COEF. VAR	.351	.371	.365	.360	.350	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.350	.349	.340	.341	.341	.339	.335	.338	.268
MEAN/A	.0844	.1126	.1234	.1378	.1535	.1609	.1869	.2071	.2421	.2797	.3564	.5237	1.0000
RP10/A	.1241	.1665	.1797	.2033	.2268	.2367	.2732	.3017	.3515	.4067	.5195	.7597	1.3529
RP25/A	.1455	.2006	.2174	.2402	.2684	.2756	.3352	.3475	.4022	.4687	.5912	.8718	1.5039
RP50/A	.1609	.2239	.2416	.2659	.2948	.3036	.3457	.3799	.4369	.5123	.6437	.9497	1.6060
RP100/A	.1758	.2466	.2652	.2908	.3222	.3306	.3749	.4107	.4696	.5538	.6935	1.0235	1.7009
RP1000/A	.2227	.3195	.3402	.3645	.4089	.4153	.4658	.5060	.5687	.6821	.8459	1.2495	1.9825
RP10000/A	.2675	.3998	.4121	.4445	.4915	.4984	.5510	.5945	.6588	.8013	.9860	1.4573	2.3230
PMF/A	.5245	.7389	.7988	.8810	.9733	1.0031	1.1403	1.2635	1.4805	1.7019	2.1471	3.1789	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER F80 9851 0	STATION NAME YORKVILLE	ELEV 1120	SEC 12N	TWP 12W	RNG LOT 12M	BMM M	LATITUDE 38.905	LONGITUDE 123.313	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.41	6.22	7.10	7.99	8.67	9.25	10.46	11.56	13.37	15.24	18.49	26.80	48.84
5	5.94	8.55	9.69	10.84	11.72	12.41	13.89	15.32	17.61	20.18	24.33	35.35	60.61
10	6.92	10.10	11.39	12.67	13.69	14.41	16.03	17.61	20.11	23.19	27.83	40.47	67.28
20	7.83	11.56	12.98	14.37	15.51	16.74	17.97	19.68	22.32	25.91	30.96	45.04	73.06
25	8.12	12.02	13.48	14.90	16.08	16.81	18.57	20.31	22.99	26.74	31.91	46.44	74.79
40	8.26	12.98	14.50	15.16	16.36	17.98	19.80	21.60	24.35	28.44	33.85	49.28	78.28
50	8.97	13.42	14.98	16.50	17.79	18.52	20.37	22.20	24.97	29.23	34.75	50.59	79.87
100	9.80	14.78	16.44	18.04	19.45	20.17	22.00	24.01	26.84	31.60	37.43	54.52	84.59
200	10.61	16.12	17.87	19.54	21.05	21.77	23.75	25.74	28.62	33.88	40.00	58.28	89.03
1000	12.42	19.15	21.09	22.92	24.68	25.34	27.45	29.58	32.51	38.92	45.66	66.56	98.59
10000	14.92	23.37	25.55	27.57	29.66	30.22	32.47	34.75	37.66	45.72	53.22	77.62	114.99
PMF	29.48	44.29	49.52	54.69	58.74	61.70	67.19	73.85	84.63	97.11	115.90	169.33	249.64
MEAN	4.706	6.747	7.649	8.545	9.265	9.815	11.014	12.106	13.839	15.958	19.236	27.897	49.730
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.672	.926	.913	.758	.910	.857	.512	.490	.163	.781	.728	1.106	1.235
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.000	1.000	.800	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.000	1.000	.800	.800	.800	.800	.700	.700	.400
KURTOSIS	2.841	4.730	4.415	3.927	4.399	4.310	3.539	3.239	2.798	3.681	3.374	4.731	5.169
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1954	1965	1965	1965	1956	1956	1956	1956	1956	1965	1956	1941	1941
RECORD MAXIMUM	7.050	13.220	14.720	16.000	17.260	18.200	19.380	20.970	22.140	24.100	33.390	56.590	94.700
NORMALIZED MAX	1.430	2.609	2.629	2.547	2.497	2.512	2.446	2.288	2.249	2.605	2.262	2.982	3.077
CALC. COEF. VAR	.348	.368	.352	.342	.346	.340	.311	.314	.293	.316	.325	.349	.294
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0946	.1357	.1538	.1718	.1863	.1974	.2215	.2434	.2783	.3209	.3868	.5610	1.0000
RP10/A	.1392	.2031	.2291	.2548	.2752	.2897	.3223	.3541	.4044	.4663	.5595	.8137	1.3529
RP25/A	.1632	.2418	.2710	.2996	.3233	.3381	.3735	.4084	.4623	.5377	.6417	.9338	1.5039
RP50/A	.1805	.2699	.3012	.3317	.3577	.3725	.4096	.4465	.5022	.5877	.6987	1.0173	1.6060
RP100/A	.1971	.2973	.3306	.3628	.3910	.4056	.4527	.4927	.5593	.6354	.7527	1.0963	1.7009
RP1000/A	.2498	.3851	.4241	.4609	.4963	.5095	.5519	.5948	.6537	.7826	.9181	1.3384	1.9825
RP10000/A	.3000	.4695	.5138	.5544	.5965	.6077	.6529	.6988	.7573	.9193	1.0702	1.5609	2.3230
PMF/A	.5928	.8906	.9959	1.0997	1.1811	1.2306	1.3511	1.4850	1.7017	1.9527	2.3306	3.0451	5.0200

PEAKSHO TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
F90 135 0	ALPINE DAM	680	01N	07W	M		37.9+2	122.6+8	21				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.45	5.72	6.76	6.39	6.46	7.56	8.52	9.28	11.24	12.54	14.85	21.32	48.99
5	5.99	7.86	9.22	8.66	9.41	10.14	11.32	12.29	14.81	16.60	19.53	28.12	60.79
10	6.98	9.28	10.83	10.13	10.99	11.77	13.05	14.13	16.99	19.08	22.34	32.19	67.47
20	7.96	10.63	12.35	11.49	12.46	13.28	14.64	15.79	18.76	21.32	24.85	35.83	73.27
25	8.19	11.05	12.82	11.91	12.91	13.74	15.13	16.37	19.32	22.00	25.62	36.94	75.01
40	8.33	11.93	13.79	12.12	13.13	14.69	16.13	17.34	20.46	23.40	27.18	39.20	78.51
50	9.06	12.34	14.25	13.19	14.29	15.14	16.59	17.82	20.99	24.05	27.90	40.24	80.10
100	9.89	13.57	15.64	14.42	15.61	16.48	17.99	19.26	22.56	26.00	30.05	43.37	84.83
200	11.71	14.62	17.00	15.62	16.91	17.79	19.38	20.86	24.05	27.88	32.12	46.36	89.29
1000	12.54	17.40	20.06	18.32	19.82	20.71	22.35	23.74	27.32	32.03	36.66	52.94	98.88
10000	15.05	21.48	24.30	22.42	23.82	24.70	26.44	27.89	31.65	37.42	42.73	61.75	111.32
PMP	29.74	40.71	47.10	43.72	47.17	50.01	54.72	59.26	71.12	79.60	93.05	134.69	250.37
MEAN	4.748	6.201	7.275	6.831	7.440	8.021	8.970	9.715	11.631	13.131	15.445	22.190	49.875
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.839	0.906	0.906	0.906	0.906	0.906	0.906	0.906	0.906	0.906	0.906	0.906	0.906
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOSIS	3.273	3.335	3.066	7.017	5.031	3.736	2.595	2.404	3.027	3.748	2.815	5.045	2.606
N	52	52	52	25	25	25	25	25	25	25	25	25	25
RECORD YEAR	1970	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	81.270	11.550	14.450	15.400	15.940	15.940	16.260	17.530	21.380	25.600	27.130	44.300	86.050
NORMALIZED HRA	1.929	2.197	2.397	3.200	2.884	2.488	1.941	1.905	2.178	2.455	2.194	2.915	2.241
CALC. COEF. VAR	0.385	0.393	0.411	0.395	0.396	0.397	0.419	0.409	0.385	0.388	0.344	0.352	0.329
REGN. COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
MEAN/A	0.0952	0.1243	0.1459	0.1370	0.1492	0.1688	0.1799	0.1948	0.2332	0.2633	0.3097	0.4449	1.0000
RP10/A	0.1400	0.1661	0.2172	0.2031	0.2204	0.2361	0.2617	0.2833	0.3388	0.3826	0.4480	0.654	1.3529
RP25/A	0.1642	0.2216	0.2570	0.2388	0.2589	0.2755	0.3033	0.3268	0.3874	0.4412	0.5137	0.7407	1.5039
RP50/A	0.1816	0.2474	0.2857	0.2644	0.2864	0.3035	0.3326	0.3573	0.4204	0.4822	0.5593	0.8068	1.6060
RP100/A	0.1963	0.2725	0.3135	0.2892	0.3131	0.3305	0.3607	0.3863	0.4523	0.5213	0.6026	0.8995	1.7099
RP1000/A	0.2513	0.3529	0.4022	0.3674	0.3973	0.4152	0.4482	0.4759	0.5477	0.6221	0.7350	1.0015	1.9825
RP10000/A	0.3018	0.4306	0.4873	0.4419	0.4776	0.4952	0.5302	0.5591	0.6345	0.7543	0.8826	1.2380	2.2320
PMP/A	0.5964	0.8163	0.9445	0.8766	0.9457	1.0028	1.0971	1.1982	1.4259	1.6021	1.8658	2.7006	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
F90 1602 0	CAZADERO	22	1040	13	08N	12W	R M	38.530	123.126	49			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.47	8.46	10.39	11.64	12.48	13.62	15.56	17.70	20.18	23.08	27.83	39.41	72.34
5	8.71	12.32	14.18	15.79	16.87	18.27	20.67	23.44	26.58	30.54	36.62	51.97	89.77
10	10.15	14.55	16.66	18.46	19.73	21.21	23.84	26.94	30.35	35.10	41.08	59.50	99.64
20	11.50	16.66	18.99	20.94	22.32	23.92	26.74	30.11	34.69	39.22	46.59	66.23	108.20
25	11.91	17.32	19.71	21.71	23.14	24.75	27.63	31.08	34.70	40.48	48.03	68.28	110.77
40	12.12	18.70	21.21	22.08	23.54	26.47	29.45	33.06	36.75	43.05	50.95	72.46	115.93
50	13.17	19.34	21.91	24.03	25.60	27.27	30.30	33.98	37.70	44.24	52.30	74.38	118.29
100	14.39	21.30	24.05	26.28	27.99	29.69	32.86	36.74	40.51	47.83	56.34	80.16	125.27
200	15.57	23.23	26.13	28.47	30.31	32.04	35.33	39.39	43.20	51.28	60.21	85.70	131.86
1000	18.24	27.59	30.85	33.39	35.52	37.30	40.83	45.26	49.07	58.91	68.72	97.86	146.01
10000	21.40	33.67	37.37	40.17	42.69	44.49	48.38	53.18	58.84	69.21	80.11	114.13	164.39
PMP	43.27	63.82	72.43	78.67	84.54	90.16	99.94	113.01	127.74	146.99	174.45	248.98	369.73
MEAN	6.907	9.721	11.187	12.449	13.334	14.450	16.384	18.520	20.889	24.156	28.954	41.018	73.651
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.617	1.052	1.043	1.616	1.774	2.070	1.462	0.751	0.844	1.248	1.245	1.015	0.946
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	0.900	0.800	0.600	0.800	0.700	0.700	0.400
KURTOSIS	3.735	4.084	4.216	0.925	7.943	10.103	7.280	4.261	4.019	4.977	5.244	3.840	4.235
N	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	1956	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966
RECORD MAXIMUM	10.750	17.140	18.830	24.350	27.880	31.180	34.700	35.510	39.200	48.120	60.640	75.340	131.250
NORMALIZED HRA	1.948	2.345	2.249	3.254	3.506	3.760	3.492	2.866	2.620	2.920	3.074	2.477	2.811
CALC. COEF. VAR	0.286	0.325	0.304	0.296	0.311	0.308	0.320	0.320	0.335	0.340	0.335	0.338	0.278
REGN. COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
USED COEF. VAR	0.351	0.371	0.365	0.360	0.356	0.349	0.340	0.340	0.341	0.339	0.335	0.338	0.268
MEAN/A	0.0938	0.1320	0.1519	0.1690	0.1810	0.1962	0.2224	0.2515	0.2836	0.3280	0.3931	0.5569	1.0000
RP10/A	0.1379	0.1976	0.2262	0.2506	0.2675	0.2880	0.3237	0.3658	0.4121	0.4676	0.5687	0.8078	1.3529
RP25/A	0.1618	0.2352	0.2676	0.2947	0.3142	0.3361	0.3751	0.4220	0.4712	0.5469	0.6521	0.9271	1.5039
RP50/A	0.1767	0.2625	0.2955	0.3263	0.3476	0.3703	0.4114	0.4613	0.5118	0.6067	0.7101	1.0009	1.6060
RP100/A	0.1954	0.2892	0.3265	0.3568	0.3800	0.4032	0.4461	0.4988	0.5501	0.6494	0.7650	1.0694	1.7099
RP1000/A	0.2476	0.3747	0.4188	0.4534	0.4822	0.5065	0.5543	0.6145	0.6662	0.7999	0.9331	1.3287	1.9825
RP10000/A	0.2974	0.4571	0.5074	0.5454	0.5797	0.6041	0.6557	0.7220	0.7718	0.9397	1.0877	1.5497	2.2320
PMP/A	0.5875	0.8665	0.9835	1.0818	1.1478	1.2233	1.3569	1.5344	1.7344	1.9958	2.3686	3.3805	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F90 1838 0	STATION NAME CLOVERDALE 3 SSE	ELEV J20	SFC 29	TWP 11N	RNG LOT 10W	HMM M	LATITUDE 38.767	LONGITUDE 122.943	COUNTY CODE 49				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.64	5.91	6.69	7.28	7.90	8.30	9.47	10.51	11.81	13.65	16.60	23.50	42.54
5	6.25	8.13	9.12	9.87	10.67	11.19	12.58	13.92	15.56	18.07	21.84	30.99	52.79
10	7.29	9.60	10.72	11.54	12.46	12.92	14.51	16.01	17.77	20.76	24.98	35.47	58.59
20	8.25	11.00	12.22	13.04	14.12	14.57	16.28	17.89	19.72	23.20	27.79	39.49	63.63
25	8.55	11.43	12.68	13.57	14.64	15.08	16.82	18.46	20.31	23.94	28.65	40.71	65.14
40	8.70	12.34	13.65	13.81	14.84	16.12	17.93	19.64	21.51	25.47	30.39	43.20	68.17
50	9.45	12.76	14.10	15.03	16.20	16.61	18.44	20.18	22.07	26.17	31.19	44.35	69.56
100	10.33	14.06	15.47	16.43	17.79	18.09	20.00	21.82	23.72	28.29	33.61	47.60	73.67
200	11.18	15.33	16.82	17.80	19.17	19.52	21.51	23.40	25.29	30.33	35.92	51.10	77.94
1000	13.09	18.21	14.85	20.88	22.47	22.72	24.85	26.89	28.72	34.85	40.99	58.35	85.86
10000	15.72	22.22	24.05	25.11	27.01	27.10	29.40	31.59	33.27	40.94	47.78	68.05	96.67
PMP	31.05	42.12	46.61	49.81	53.49	54.88	60.84	67.13	74.78	86.95	104.05	148.45	217.41
MEAN	4.956	6.415	7.199	7.743	8.436	8.811	9.973	11.006	12.229	14.289	17.270	24.456	43.309
CLOCK HR. COH.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600	1.600
CLOCKED SKEW	1.255	1.776	1.706	1.671	1.629	1.629	1.781	1.713	1.789	1.199	1.309	1.604	2.300
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.900	1.800	1.600	1.800	1.700	1.700	1.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.900	1.800	1.600	1.800	1.700	1.700	1.400
KURTOSIS	4.584	3.156	2.602	3.726	4.185	4.056	4.094	3.927	3.799	4.635	4.407	2.784	2.362
RECORD YEAR	20	20	20	20	20	20	20	21	20	20	20	20	20
RECORD MAXIMUM	1957	1963	1963	1956	1956	1956	1956	1956	1956	1955	1956	1956	1958
RECORD MAXIMUM	8.869	11.300	11.770	14.880	17.320	17.860	19.120	20.21	21.520	25.840	31.030	40.700	63.810
NORMALIZED MAX	1.493	2.004	1.846	2.391	2.954	2.836	2.559	2.516	2.485	2.535	2.626	2.185	1.830
CALC. COEF. VAR	.413	.380	.344	.377	.412	.406	.356	.332	.306	.319	.303	.304	.259
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	1.144	1.481	1.662	1.797	1.948	2.032	2.303	2.541	2.824	3.299	3.988	5.647	1.0000
RP10/A	1.683	2.217	2.675	2.865	2.878	2.983	3.351	3.696	4.103	4.794	5.768	8.191	1.3529
RP25/A	1.974	2.640	2.929	3.134	3.380	3.481	3.883	4.261	4.690	5.528	6.615	9.400	1.5039
RP50/A	2.183	2.997	3.256	3.469	3.740	3.835	4.259	4.660	5.095	6.043	7.203	1.0240	1.6060
RP100/A	2.394	3.246	3.573	3.794	4.088	4.176	4.618	5.039	5.476	6.533	7.759	1.1370	1.7009
RP1000/A	3.022	4.204	4.583	4.821	5.148	5.246	5.738	6.208	6.632	8.046	9.465	1.3073	1.9825
RP10000/A	3.659	5.130	5.578	5.798	6.236	6.278	7.294	7.683	8.255	1.0333	1.5713	2.2320	2.2320
PMP/A	7.169	9.724	1.0763	1.1501	1.2349	1.2670	1.4047	1.5501	1.7266	2.0076	2.4025	3.4276	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SFC	TWP	RNG	LOT	HMM	LATITUDE	LONGITUDE	COUNTY CODE			
F90 1840 0	CLOVERDALE 11W	1820	29	11N	12W	H	M	38.772	123.209	49			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.81	8.13	9.15	10.13	10.74	11.51	13.10	14.46	16.72	18.94	23.68	33.74	62.96
5	7.82	11.14	12.49	13.73	14.58	15.43	17.41	19.15	22.03	25.06	31.15	44.49	78.13
10	9.12	13.21	14.68	16.06	17.02	17.91	20.08	22.04	25.15	28.60	35.63	50.94	86.73
20	10.32	15.12	16.72	18.21	19.29	20.20	22.52	24.90	27.92	32.18	39.64	56.70	94.18
25	10.64	15.72	17.36	18.88	20.00	20.90	23.27	25.40	28.76	33.22	40.86	58.46	96.41
40	10.88	16.97	18.68	19.21	20.34	22.36	24.80	27.01	30.46	35.33	43.34	62.04	100.91
50	11.42	17.55	19.30	20.91	22.13	23.03	25.52	27.76	31.24	36.31	44.49	63.68	102.96
100	12.49	19.33	21.18	22.80	24.19	25.08	27.67	30.02	33.57	39.25	47.93	68.63	109.04
200	13.98	21.08	23.02	24.77	26.19	27.06	29.75	32.19	35.80	42.08	51.22	73.37	114.77
1000	16.37	25.04	27.17	29.05	30.70	31.50	34.34	36.98	40.66	48.35	58.46	83.78	127.09
10000	18.66	30.56	32.92	34.94	36.90	37.58	40.67	43.45	47.10	56.79	68.15	97.72	143.08
PMP	38.84	57.92	63.80	69.30	73.06	76.09	84.16	92.34	105.85	120.63	148.40	213.16	321.81
MEAN	6.199	8.823	9.854	10.829	11.524	12.204	13.797	15.130	17.311	19.824	24.631	35.117	64.106
CLOCK HR. COH.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600	1.600
CLOCKED SKEW	.610	.373	.598	.626	.473	.412	.390	.195	-.045	1.125	1.079	.348	.185
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.900	1.800	1.600	1.800	1.700	1.700	1.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.900	1.800	1.600	1.800	1.700	1.700	1.400
KURTOSIS	2.877	2.715	2.917	2.934	3.032	2.907	2.832	2.356	2.673	5.303	3.868	2.565	2.745
RECORD YEAR	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD MAXIMUM	1954	1965	1963	1965	1965	1965	1965	1965	1965	1958	1958	1958	1958
NORMALIZED MAX	9.760	13.410	15.970	17.190	18.530	19.190	21.780	23.500	26.370	30.090	39.610	51.150	96.070
RECORD MAX	1.588	1.521	1.690	1.943	2.123	2.056	2.202	1.978	1.952	2.776	2.274	1.749	2.101
CALC. COEF. VAR	.362	.342	.328	.302	.286	.278	.263	.279	.268	.296	.267	.261	.237
REGN. COEF. VAR	.351	.371	.365	.350	.336	.336	.341	.330	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.350	.336	.336	.341	.330	.341	.339	.335	.338	.268
MEAN/A	.0967	.1376	.1537	.1689	.1798	.1904	.2152	.2361	.2700	.3092	.3842	.5478	1.0000
RP10/A	.1422	.2060	.2289	.2505	.2656	.2794	.3132	.3434	.3923	.4493	.5558	.7946	1.3529
RP25/A	.1698	.2453	.2708	.2945	.3120	.3261	.3629	.3961	.4486	.5182	.6373	.9119	1.5039
RP50/A	.1844	.2738	.3011	.3261	.3452	.3593	.3988	.4331	.4873	.5664	.6837	.9904	1.6037
RP100/A	.2015	.3016	.3304	.3566	.3773	.3912	.4316	.4682	.5237	.6123	.7476	1.0706	1.7009
RP1000/A	.2553	.3907	.4239	.4531	.4788	.4914	.5363	.5769	.6342	.7542	.9120	1.3070	1.9825
RP10000/A	.3066	.4767	.5135	.5450	.5765	.5861	.6345	.6778	.7347	.8859	1.0630	1.5243	2.2320
PMP/A	.6058	.9036	.9953	1.0811	1.1347	1.1869	1.3129	1.4404	1.6512	1.8817	2.3149	3.3251	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB F90 3577 0	STATION NAME GRANTON	ELEV 200	SEC 21	TWP 37N	RNG LOT 09W P	RWM M	LATITUDE 38.431	LONGITUDE 122.864	COUNTY CODE 49				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.99	4.97	5.70	6.34	6.90	7.47	8.51	9.51	11.16	12.34	14.76	21.20	39.75
5	5.38	6.83	7.77	8.60	9.33	10.02	11.30	12.59	14.70	16.33	19.42	27.96	49.33
10	6.27	8.07	9.14	10.05	10.89	11.64	13.04	14.47	16.79	18.77	22.21	32.01	54.76
20	7.09	9.24	10.41	11.41	12.34	13.12	14.67	16.18	18.63	20.97	24.71	35.63	59.46
25	7.35	9.61	10.83	11.83	12.79	13.58	15.11	16.71	19.19	21.65	25.47	36.73	60.87
40	7.44	10.37	11.63	12.63	13.61	14.52	16.11	17.76	20.32	23.02	27.02	38.98	63.71
50	8.13	11.72	12.02	13.10	14.15	14.96	16.57	18.25	20.85	23.66	27.73	40.01	65.00
100	8.84	11.81	13.19	14.32	15.47	16.29	17.97	19.73	22.41	25.58	29.86	43.12	68.84
200	9.41	12.88	14.33	15.51	16.75	17.58	19.32	21.16	23.89	27.42	31.93	46.10	72.46
1000	11.25	15.30	16.92	18.20	19.63	20.47	22.33	24.31	27.13	31.50	36.44	52.64	80.24
10000	13.51	16.67	20.49	21.89	23.60	24.41	26.41	28.57	31.43	37.01	42.48	61.40	90.34
PHP	26.70	35.39	39.72	43.41	46.73	49.43	54.65	60.71	70.64	78.60	92.50	133.93	203.18

MEAN	4.262	5.391	6.135	6.784	7.371	7.928	8.959	9.952	11.552	12.917	15.353	22.065	40.474
CLOCK W.P. COR.	1.140	1.170	1.200	1.070	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	+4.47	+5.67	+6.32	+7.76	+8.62	+9.01	+10.72	+11.30	+11.8	+11.8	+11.8	+11.8	+11.8
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.600	.700	.700	.400
KURTOSIS	2.728	3.157	2.374	2.422	3.160	3.526	2.676	2.470	2.308	2.689	3.231	3.332	2.651
RECORD YEAR	70	70	70	70	70	70	70	70	70	70	70	70	76
RECORD MAXIMUM	1937	1967	1967	1956	1966	1956	1956	1956	1956	1909	1909	1909	1910
NORMALIZED MAX	1.948	2.516	1.971	2.511	3.008	3.198	2.593	2.496	2.214	2.546	2.790	2.705	2.532
CALC. COEF. VAR	.316	.306	.306	.318	.320	.327	.344	.348	.339	.318	.330	.360	.296
RECN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.346	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268

MEAN/A	.1053	.1332	.1516	.1676	.1821	.1959	.2214	.2459	.2854	.3192	.3793	.5452	1.0000
RP10/A	.1549	.1994	.2257	.2485	.2690	.2875	.3221	.3576	.4147	.4637	.5489	.7908	1.3529
RP25/A	.1816	.2374	.2671	.2922	.3160	.3355	.3733	.4125	.4741	.5348	.6293	.9075	1.5039
RP50/A	.2008	.2650	.2969	.3236	.3497	.3697	.4094	.4510	.5150	.5845	.6852	.9886	1.6080
RP100/A	.2194	.2919	.3255	.3538	.3822	.4025	.4439	.4876	.5530	.6319	.7382	1.0854	1.7009
RP1000/A	.2780	.3781	.4179	.4496	.4851	.5057	.5516	.6007	.6764	.7704	.9004	1.3007	1.9825
RP10000/A	.3339	.4613	.5063	.5681	.6031	.6325	.7058	.7766	.9143	1.0495	1.5169	2.2320	
PHP/A	.6597	.8744	.9814	1.0727	1.1566	1.2214	1.3502	1.4999	1.7453	1.9420	2.2855	3.3091	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB F90 3875 0	STATION NAME MEADSBURG	ELEV 442	SEC 101	TWP 19	RNG LOT 09N 09W	RWM M	LATITUDE 38.617	LONGITUDE 122.833	COUNTY CODE 49				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.87	5.19	5.99	6.56	7.18	7.76	9.02	9.96	11.78	13.06	15.63	22.10	39.69
5	5.21	7.13	8.17	8.89	9.70	10.41	11.99	13.19	15.52	17.29	20.57	29.14	49.25
10	6.07	8.43	9.60	10.39	11.33	12.09	13.83	15.17	17.72	19.87	23.52	33.36	54.67
20	6.87	9.65	10.95	11.79	12.84	13.63	15.51	16.96	19.67	22.20	26.17	37.14	59.38
25	7.12	10.04	11.36	12.22	13.31	14.11	16.02	17.50	20.26	22.92	26.98	38.29	60.77
40	7.24	10.83	12.23	12.43	13.54	15.09	17.08	18.61	21.46	24.38	28.62	40.63	63.60
50	7.87	11.20	12.63	13.53	14.73	15.54	17.57	19.13	22.01	25.05	29.37	41.71	64.90
100	8.60	12.34	13.86	14.80	16.10	16.92	19.06	20.68	23.66	27.08	31.64	44.95	66.73
200	9.31	13.46	15.07	16.03	17.43	18.26	20.49	22.17	25.23	29.03	33.82	48.05	72.34
1000	10.90	15.98	17.78	18.80	20.43	21.26	23.68	25.48	28.65	33.35	38.60	54.88	80.11
10000	13.09	19.50	21.54	22.62	24.55	25.35	28.01	29.74	33.19	39.14	44.46	64.00	70.19
PHP	25.86	36.97	41.76	44.86	48.62	51.34	57.96	63.62	74.59	83.22	97.96	139.61	202.85

MEAN	4.128	5.631	6.449	7.009	7.669	8.235	9.502	10.429	12.197	13.676	16.282	23.000	40.408
CLOCK W.P. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.147	.653	.513	.367	.232	.250	.269	.142	.181	.365	.614	.673	.357
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	2.354	3.446	3.249	2.669	2.528	2.752	2.922	2.476	2.300	2.833	3.003	3.121	2.299
RECORD YEAR	78	78	78	78	78	78	78	77	77	77	77	77	78
RECORD MAXIMUM	6.360	9.970	12.080	12.560	13.160	15.120	16.790	18.110	21.310	26.400	32.730	46.850	72.550
NORMALIZED MAX	1.727	2.304	2.676	2.431	2.229	2.529	2.249	2.146	2.599	2.859	2.782	2.685	2.462
CALC. COEF. VAR	.313	.334	.326	.326	.321	.331	.341	.343	.356	.350	.364	.364	.323
RECN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.1022	.1394	.1596	.1735	.1898	.2038	.2352	.2581	.3019	.3385	.4024	.5692	1.0000
RP10/A	.1502	.2086	.2377	.2572	.2804	.2991	.3422	.3754	.4386	.4918	.5822	.8256	1.3529
RP25/A	.1762	.2484	.2812	.3025	.3293	.3491	.3965	.4330	.5014	.5671	.6676	.9476	1.5039
RP50/A	.1938	.2772	.3126	.3349	.3649	.3846	.4373	.4677	.5447	.6139	.7249	1.032	1.6080
RP100/A	.2128	.3054	.3431	.3662	.3983	.4188	.4716	.5118	.5854	.6702	.7831	1.1124	1.7009
RP1000/A	.2697	.3956	.4401	.4653	.5055	.5261	.5860	.6305	.7090	.8254	.9552	1.3580	1.9825
RP10000/A	.3239	.4827	.5332	.5597	.6076	.6275	.6932	.7408	.8214	.9697	1.1135	1.5839	2.2320
PHP/A	.6800	.9149	1.0334	1.1102	1.2032	1.2766	1.4344	1.5744	1.8458	2.0595	2.4247	3.4551	5.0200

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F90 4480 0	STATION NAME KELLING	ELEV 1000	SEC 09	TWP DWN	RNG LOT 07W	HMM M	LATITUDE 38.667	LONGITUDE 122.667	COUNTY CODE 49	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	4.75	5.03	6.99	7.62	8.24	8.87	10.00	10.80	12.39	14.25
5	6.40	6.28	9.54	10.33	11.14	11.99	13.28	14.31	16.32	18.86
10	7.45	9.74	11.21	12.08	13.01	13.88	15.32	16.45	18.64	21.67
20	8.44	11.20	12.77	13.70	14.74	15.56	17.18	18.30	20.89	24.21
25	8.74	11.65	13.26	14.20	15.28	16.11	17.75	18.98	21.31	24.99
40	8.89	12.57	14.27	14.45	15.54	17.23	18.92	20.19	22.57	26.58
50	9.67	13.00	14.74	15.73	16.90	17.75	19.47	20.75	23.15	27.31
100	10.56	14.32	16.17	17.20	18.48	19.32	21.11	22.43	24.80	29.53
200	11.43	15.62	17.58	18.63	20.01	20.85	22.70	24.05	26.53	31.66
1000	13.38	18.55	23.75	21.85	23.45	24.20	26.23	27.64	30.13	36.37
10000	16.07	22.64	29.13	26.28	28.19	28.96	31.03	32.47	34.90	42.73
PMP	31.76	42.91	48.72	52.13	55.92	58.64	64.21	69.00	78.44	96.75
MEAN	5.069	6.538	7.524	8.146	8.808	9.404	10.528	11.312	12.827	14.913
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.175	1.442	1.501	1.495	1.536	1.422	1.455	1.342	1.320	1.014
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000
KURTOSIS	4.969	5.028	5.718	5.099	5.213	5.124	5.462	5.029	4.644	7.253
N	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	9.700	14.000	16.910	18.010	19.030	20.130	21.810	23.690	27.070	35.700
NORMALIZED MAX	2.174	2.481	2.765	2.624	2.483	2.518	2.582	2.589	2.662	3.248
CALC. COEF. VAR	.420	.480	.451	.461	.468	.453	.415	.423	.417	.429
REGN. COEF. VAR	.351	.371	.305	.360	.356	.349	.340	.340	.341	.339
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339
MEAN/A	.1132	.1459	.1680	.1818	.1965	.2099	.2350	.2525	.2863	.3329
RP10/A	.1664	.2184	.2501	.2696	.2903	.3081	.3419	.3672	.4160	.4837
RP25/A	.1952	.2600	.2959	.3170	.3410	.3596	.3962	.4236	.4756	.5578
RP50/A	.2158	.2902	.3290	.3510	.3773	.3962	.4345	.4631	.5167	.6097
RP100/A	.2357	.3197	.3645	.3839	.4125	.4314	.4712	.5007	.5553	.6592
RP1000/A	.2788	.4141	.4631	.4867	.5235	.5419	.5855	.6169	.6726	.8119
RP10000/A	.3588	.5653	.5811	.5867	.6292	.6443	.6926	.7248	.7791	.9537
PMP/A	.7089	.9578	1.0875	1.1637	1.2454	1.3089	1.4333	1.5403	1.7509	2.0257

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB F90 A502 0	STATION NAME KENT LAKE M M W D	ELEV 360	SEC 02N	TWP 08W	RNG LOT M	LATITUDE 37.998	LONGITUDE 122.708	COUNTY CODE 21
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS								
RETURN PERIOD IN YEARS	10	20	30	F YR				
2	5.89	7.15	8.46	52.20				
5	7.93	9.83	11.54	70.87				
10	9.25	11.61	13.56	82.85				
20	10.47	13.30	15.45	93.97				
25	10.85	13.83	16.04	97.43				
40	11.03	14.92	17.26	99.12				
50	11.99	15.44	17.83	107.87				
100	13.10	17.00	19.57	117.96				
200	14.18	18.54	21.27	127.79				
1000	16.60	22.02	25.11	149.48				
10000	19.94	26.87	30.42	180.28				
PMP	39.39	50.94	58.96	357.60				
MEAN	6.287	7.759	9.106	55.876				
CLOCK HR. COR.	1.140	1.070	1.040	1.000				
CALCULATED SKEW	.555	.399	.474	.621				
REGIONAL SKEW	1.100	1.300	1.200	1.100				
SKEW USED	1.100	1.300	1.200	1.100				
KURTOSIS	2.295	2.194	2.238	2.456				
N	18	18	18	25				
RECORD YEAR	1967	1967	1967	1969				
RECORD MAXIMUM	9.440	13.340	15.640	91.620				
NORMALIZED MAX	1.222	1.542	1.613	1.960				
CALC. COEF. VAR	.410	.487	.445	.326				
REGN. COEF. VAR	.351	.371	.365	.360				
USED COEF. VAR	.351	.371	.365	.360				
MEAN/A	.1125	.1389	.1630	1.0000				
RP10/A	.1655	.2079	.2427	1.4827				
RP25/A	.1941	.2475	.2871	1.7437				
RP50/A	.2146	.2762	.3192	1.9305				
RP100/A	.2344	.3043	.3503	2.1112				
RP1000/A	.2971	.3942	.4494	2.6824				
RP10000/A	.3568	.4809	.5444	3.2265				
PMP/A	.7049	.9117	1.0552	6.4000				

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
B5H ORDER SUB F90 4652 0	LAGUNITAS LAKE M M W O	785		01N	07W		M	37.946	122.595	21

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	4	5	6	7	8	9	10
2	4.23	5.53	6.40	43.15						
5	5.69	7.61	8.74	58.52						
10	6.54	8.99	10.27	68.41						
20	7.51	10.29	11.70	77.60						
25	7.78	10.70	12.15	83.45						
40	7.92	11.55	13.07	81.85						
50	8.61	11.94	13.50	89.07						
100	9.40	13.16	14.82	97.41						
200	10.17	14.38	16.11	105.52						
1000	11.91	17.04	19.01	123.76						
10000	14.31	20.79	23.93	148.87						
PMP	28.27	39.41	46.64	295.28						
MEAN	4.512	6.003	6.895	46.138						
CLOCK HR. CUR.	1.140	1.378	1.040	1.000						
CALCULATED SKEW	1.058	1.074	1.019							
REGIONAL SKEW	1.100	1.300	1.250	1.100						
SKEW USED	1.100	1.300	1.200	1.100						

KUMTOSIS	4.003	3.754	4.360	2.731
N	63	63	63	63
RECORD YEAR	1966	1963	1963	1958
RECORD MAXIMUM	9.150	11.500	15.110	86.000
NORMALIZED MAX	2.653	2.477	3.190	2.480
CALC. COEF. VAR	.387	.370	.377	.349
REGION. COEF. VAR	.351	.371	.365	.360
USED COEF. VAR	.351	.371	.365	.360
MEAN/A	.0978	.1301	.1494	1.0000
RP10/A	.1438	.1948	.2225	1.4827
RP25/A	.1607	.2319	.2633	1.7437
RP50/A	.1865	.2588	.2927	1.9305
RP100/A	.2037	.2851	.3212	2.1112
RP1000/A	.2582	.3693	.4141	2.4824
RP10000/A	.3101	.4506	.4992	3.2265
PMP/A	.6127	.8542	.9676	6.4000

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY
B5H ORDER SUB F90 6370 0	OCCIDENTAL	760	34	07N	10W	0	M	38.413	122.962	49

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	5.07	6.45	7.32	8.29	9.08	9.83	11.20	12.57	14.81	16.77	20.01	29.37	55.04	
5	6.83	8.86	9.98	11.24	12.28	13.19	14.88	16.46	19.51	22.19	26.33	38.73	68.30	
10	7.47	10.47	11.73	13.14	14.34	15.31	17.17	19.14	22.28	25.51	30.11	44.34	75.81	
20	9.02	11.99	13.37	14.90	16.25	17.26	19.25	21.39	24.73	28.50	33.50	49.36	82.32	
25	9.34	12.47	13.88	15.45	16.84	17.86	19.89	22.07	25.47	29.41	34.53	50.88	84.27	
40	9.50	13.45	14.94	15.72	17.13	19.11	21.21	23.48	26.97	31.29	36.63	54.00	88.20	
50	10.33	13.92	15.43	17.11	18.63	19.64	21.82	24.13	27.67	32.15	37.60	55.43	89.99	
100	11.28	15.33	16.93	18.71	20.37	21.43	23.66	26.09	29.74	34.76	40.51	59.74	95.31	
200	12.21	16.71	18.40	20.27	22.06	23.13	25.44	27.98	31.71	37.27	43.29	63.86	100.32	
1000	14.30	19.86	21.72	23.77	25.85	26.92	29.40	32.15	36.01	42.81	49.41	72.93	111.09	
10000	17.17	24.23	26.31	28.59	31.07	32.11	34.78	37.77	41.72	50.29	57.59	85.05	125.07	
PMP	33.93	45.93	51.01	56.71	61.52	65.03	71.97	80.26	93.75	106.02	125.42	185.54	281.30	
MEAN	5.416	6.995	7.877	8.861	9.704	10.429	11.798	13.158	15.331	17.554	20.817	30.567	56.035	
CLOCK HR. CUR.	1.146	1.170	1.099	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	.430	-0.065	-0.171	.297	.578	.617	.259	1.003	.117	.451	.395	.616	.317	
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400	
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400	
KUMTOSIS	3.511	2.362	2.722	2.906	3.691	3.674	3.004	2.753	2.691	3.513	3.146	3.350	2.704	
N	23	23	23	23	23	23	23	23	23	23	23	23	23	
RECORD YEAR	1966	1964	1964	1956	1956	1956	1956	1956	1970	1970	1968	1970	1958	
RECORD MAXIMUM	8.510	10.460	12.120	14.890	17.740	18.420	19.760	21.340	25.900	31.890	36.810	55.370	92.180	
NORMALIZED MAX	1.802	1.458	1.653	2.079	2.457	2.489	2.309	1.476	2.007	2.395	2.256	2.354	2.158	
CALC. COEF. VAR	.317	.340	.326	.327	.337	.308	.292	.331	.344	.341	.341	.345	.299	
REGION. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268	
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268	
MEAN/A	.0967	.1248	.1406	.1581	.1732	.1801	.2105	.2348	.2736	.3133	.3715	.5455	1.0000	
RP10/A	.1422	.1869	.2094	.2345	.2558	.2732	.3064	.3415	.3975	.4552	.5374	.7912	1.3529	
RP25/A	.1667	.2225	.2477	.2757	.3005	.3198	.3550	.3939	.4545	.5249	.6162	.9081	1.5039	
RP50/A	.1844	.2483	.2753	.3053	.3325	.3512	.3894	.4307	.4937	.5738	.6710	.9892	1.6060	
RP100/A	.2014	.2736	.3052	.3338	.3635	.3825	.4222	.4656	.5307	.6203	.7229	1.0661	1.7009	
RP1000/A	.2552	.3544	.3876	.4242	.4613	.4804	.5247	.5737	.6427	.7640	.8818	1.3015	1.9825	
RP10000/A	.3065	.4324	.4696	.5102	.5545	.5731	.6207	.6740	.7445	.8975	1.0278	1.5179	2.2320	
PMP/A	.6056	.8196	.9102	1.0120	1.0979	1.1605	1.2843	1.4324	1.6731	1.9062	2.2382	3.3111	5.0200	

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB F90 6853 0	STATION NAME PHOENIX LAKE M M U D	ELEV 175	SEC TWP 17N	RNG LOT 11W	RMM M	LATITUDE 37.955	LONGITUDE 122.574	COUNTY CODE 21
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MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	F YH
2	4.95	6.49	7.43	45.45
5	6.67	8.01	10.14	61.64
10	7.77	10.53	11.92	72.06
20	8.80	12.06	13.58	81.73
25	9.11	12.54	14.10	84.74
40	9.27	13.53	15.17	86.21
50	10.08	14.00	15.67	93.82
100	11.01	15.42	17.20	102.60
200	11.91	16.81	18.69	111.15
1000	13.05	19.97	22.07	130.36
10000	16.75	24.37	26.73	156.80
PHP	33.10	46.19	51.82	311.02

MEAN	5.243	7.035	8.002	48.597
CLOCK HR. COP.	1.140	1.070	1.040	1.000
CALCULATED SKEW	.721	.498	.375	.546
REGIONAL SKEW	1.100	1.300	1.200	1.100
SKEW USED	1.100	1.300	1.200	1.100

KURTOSIS	2.923	2.421	2.731	2.496
N	35	35	35	35
RECORD YEAR	1967	1967	1967	1971
RECORD MAXIMUM	9.000	12.300	14.300	83.100
NORMALIZED MAX	1.492	2.087	2.046	2.049
CALC. COEF. VAR	.370	.359	.387	.347
REDN. COEF. VAR	.351	.371	.365	.360
USED COEF. VAR	.351	.371	.365	.360

MEAN/A	1.087	1.448	1.647	1.0000
RP10/A	.1599	.2107	.2452	1.4927
RP25/A	.1875	.2580	.2901	1.7437
RP50/A	.2073	.2880	.3225	1.9305
RP100/A	.2265	.3172	.3540	2.1112
RP1000/A	.2870	.4109	.4541	2.6824
RP10000/A	.3447	.5014	.5501	3.2265
PHP/A	.8911	.9504	1.0662	6.0000

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. ASN ORDER SUB F90 7109 0	STATION NAME POTTER VALLEY POWER HOUSE	ELEV 1014	SEC TWP 06	RNG LOT 17N 11W	RMM M	LATITUDE 39.367	LONGITUDE 123.133	COUNTY CODE A23
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MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.67	4.94	5.79	6.50	7.15	7.75	8.75	9.83	11.69	13.00	15.62	23.84	45.12
5	4.94	6.79	7.91	8.81	9.60	10.39	11.63	13.02	15.40	17.21	20.55	31.44	56.00
10	5.76	8.02	9.29	10.30	11.28	12.06	13.41	14.97	17.58	19.78	23.51	35.99	62.16
20	6.59	9.19	10.59	11.69	12.79	13.60	15.04	16.73	19.51	22.10	26.10	40.07	67.50
25	6.76	9.55	10.99	12.12	13.25	14.07	15.54	17.27	20.10	22.81	26.96	41.31	69.10
40	6.87	10.31	11.83	12.33	13.48	15.05	16.57	18.37	21.28	24.26	28.60	43.63	72.32
50	7.47	10.66	12.22	13.42	14.67	15.51	17.05	18.87	21.83	24.93	29.36	45.00	73.79
100	8.16	11.74	13.41	14.67	16.03	16.88	18.48	20.41	23.46	26.96	31.63	48.50	78.15
200	8.83	12.80	14.57	15.89	17.36	18.22	19.88	21.88	25.02	28.90	33.80	51.84	82.25
1000	10.34	15.21	17.20	18.64	20.35	21.21	22.97	25.14	28.41	33.20	38.58	59.20	91.08
10000	12.42	18.56	20.84	22.42	24.46	25.30	27.17	29.54	32.92	39.00	44.97	69.05	102.54
PHP	24.54	35.18	40.39	44.47	48.46	51.23	56.22	62.78	73.97	82.84	97.93	150.62	230.64

MEAN	3.918	5.359	6.238	6.949	7.638	8.216	9.217	10.291	12.097	14.614	16.253	24.814	45.944
CLOCK HR. COP.	1.141	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.414	1.425	1.229	1.239	1.353	1.422	1.261	.959	.707	1.164	.813	.434	.061
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400

KURTOSIS	6.481	6.777	5.685	5.541	6.166	6.457	6.036	4.501	3.888	5.470	4.024	2.644	2.305
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1958
RECORD MAXIMUM	8.260	12.260	14.370	15.800	16.880	17.750	19.650	21.480	24.660	30.530	31.670	42.760	68.370
NORMALIZED MAX	2.733	3.194	3.197	3.223	3.354	3.301	3.320	3.054	2.850	3.211	2.677	2.133	2.037
CALC. COEF. VAR	.408	.403	.360	.395	.361	.351	.341	.356	.364	.387	.354	.339	.240
REDN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.340	.341	.339	.335	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268

MEAN/A	.0853	.1166	.1358	.1512	.1662	.1788	.2006	.2240	.2633	.2963	.3538	.5401	1.0000
RP10/A	.1254	.1746	.2022	.2243	.2456	.2625	.2919	.3258	.3826	.4305	.5117	.7834	1.3529
RP25/A	.1471	.2079	.2392	.2637	.2885	.3063	.3383	.3758	.4374	.4965	.5868	.8901	1.5039
RP50/A	.1626	.2320	.2650	.2922	.3192	.3375	.3710	.4108	.4751	.5427	.6390	.9794	1.6060
RP100/A	.1776	.2556	.2918	.3193	.3489	.3675	.4023	.4442	.5107	.5867	.6884	1.0555	1.7009
RP1000/A	.2251	.3311	.3744	.4057	.4428	.4616	.4999	.5472	.6185	.7227	.8397	1.2886	1.9825
RP10000/A	.2704	.4040	.4536	.4880	.5323	.5506	.5914	.6430	.7165	.8449	.9788	1.5028	2.2320
PHP/A	.5342	.7657	.8791	.9680	1.0540	1.1150	1.2238	1.3634	1.6101	1.8030	2.1314	3.2783	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. H5N ORDER SUB F90 7351 0	STATION NAME REDWOOD VALLEY	ELEV 718	SEC 09	TWP 16N	RNG LOT 12W	RHM M	LATITUDE 39.267	LONGITUDE 123.200	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.13	4.17	4.61	5.34	5.57	5.96	6.94	7.76	9.21	10.46	12.92	19.52	35.53
5	4.21	5.72	6.29	6.84	7.53	7.99	9.22	10.30	12.13	13.84	17.00	25.74	44.08
10	4.91	6.76	7.39	8.00	8.74	9.28	10.64	11.84	13.85	15.91	19.40	29.47	48.93
20	5.55	7.74	8.42	9.07	9.97	10.46	11.93	13.24	15.37	17.77	21.84	32.61	53.14
25	5.76	8.05	8.75	9.40	10.33	10.83	12.33	13.66	15.83	18.34	22.30	33.82	54.40
40	5.86	8.69	9.41	9.57	10.51	11.58	13.15	14.53	16.77	19.51	23.66	35.89	58.93
50	6.47	8.99	9.72	10.41	11.43	11.93	13.52	14.94	17.20	20.05	24.28	36.84	58.09
100	7.49	9.90	10.67	11.38	12.44	12.95	14.67	16.15	18.48	21.68	26.16	39.71	61.52
200	7.53	11.00	11.60	12.33	13.53	14.01	15.77	17.32	19.71	23.24	27.96	42.45	64.76
1000	8.82	12.82	13.64	14.47	15.86	16.31	18.22	19.91	22.38	26.70	31.91	46.47	71.71
10000	10.59	15.65	16.58	17.40	19.06	19.46	21.56	23.38	25.93	31.36	37.20	56.53	80.73
PMP	20.92	29.66	32.14	34.51	37.74	39.40	44.61	49.68	58.27	66.61	81.00	123.32	161.57
MEAN	3.340	4.516	4.964	5.393	5.952	6.320	7.313	8.144	9.529	10.947	13.445	20.317	36.170
CLOCK HR. COR.	1.146	1.676	1.940	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.027	1.203	1.322	1.190	1.323	1.261	1.153	1.080	1.038	1.034	1.017	1.000	.349
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	5.407	5.929	6.294	5.326	5.310	4.922	5.135	3.925	4.655	5.637	3.788	2.665	2.507
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	6.160	9.160	10.370	10.690	11.010	12.100	13.300	14.550	18.910	22.690	24.510	34.570	55.330
NORMALIZED MAX	2.247	2.704	2.912	2.773	2.683	2.540	2.658	2.486	2.822	3.013	2.302	2.030	2.056
CALC. COEF. VAR	.369	.379	.374	.368	.367	.360	.308	.316	.349	.386	.357	.346	.258
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0923	.1249	.1372	.1491	.1646	.1747	.2022	.2252	.2635	.3027	.3717	.5617	1.0000
RP10/A	.135R	.187R	.2044	.2211	.2431	.2565	.2942	.3275	.3828	.4398	.5377	.8148	1.3529
RP25/A	.1593	.2228	.2418	.2603	.2856	.2993	.3469	.3777	.4376	.5071	.6166	.9351	1.5039
RP50/A	.1761	.2405	.2688	.2878	.3160	.3297	.3739	.4129	.4754	.5543	.6714	1.0186	1.6060
RP100/A	.1924	.2737	.2950	.3148	.3454	.3590	.4055	.4465	.5110	.5993	.7233	1.0978	1.7009
RP1000/A	.2478R	.3546	.3784	.3999	.4384	.4510	.5038	.5501	.6188	.7381	.8823	1.3401	1.9825
RP10000/A	.292R	.4326	.4585	.4811	.5269	.5380	.5960	.6463	.7169	.8671	1.0284	1.5630	2.2320
PMP/A	.5785	.8201	.8886	.9542	1.0434	1.0894	1.2333	1.3735	1.6111	1.8416	2.2396	3.4095	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 95N ORDER SUB F90 7965 0	STATION NAME SANTA ROSA	ELEV 167	SEC 07N	TWP 08W	RNG LOT M	LATITUDE 38.450	LONGITUDE 122.700	COUNTY CODE 49					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.12	3.84	4.47	4.83	5.24	5.60	6.44	7.08	8.31	9.37	11.37	16.21	29.86
5	4.21	5.28	6.09	6.55	7.08	7.50	8.61	9.38	10.95	12.41	14.96	21.38	37.06
10	4.90	6.23	7.16	7.65	8.27	8.71	9.93	10.78	12.50	14.26	17.11	24.47	41.14
20	5.55	7.14	8.16	8.68	9.37	9.82	11.14	12.05	13.87	15.93	19.04	27.24	44.67
25	5.75	7.42	8.47	9.00	9.71	10.17	11.51	12.44	14.29	16.44	19.62	28.09	45.73
40	5.85	8.81	9.12	9.16	9.80	10.87	12.27	13.23	15.13	17.49	20.82	29.80	47.86
50	6.35	8.28	9.42	9.97	10.74	11.20	12.62	13.60	15.52	17.97	21.37	30.59	48.83
100	6.95	9.13	10.34	10.90	11.74	12.20	13.69	14.76	16.68	19.43	23.02	32.97	51.72
200	7.52	9.95	11.23	11.81	12.72	13.16	14.72	15.77	17.79	20.83	24.60	35.25	54.44
1000	8.80	11.82	13.26	13.85	14.90	15.32	17.01	18.11	20.20	23.93	28.09	40.25	60.28
10000	10.57	14.42	16.06	16.66	17.91	18.27	20.12	21.28	23.94	28.12	32.73	46.94	67.87
PMP	20.89	27.34	31.13	33.04	35.47	37.01	41.63	45.23	52.60	59.72	71.28	102.41	152.64
MEAN	3.334	4.165	4.808	5.162	5.595	5.935	6.825	7.415	8.601	9.814	11.830	16.871	30.407
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.052	.819	.713	.780	.829	.774	.828	.512	.232	.155	.294	.606	.035
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.600	.800	.700	.700	.400
KURTOSIS	2.863	4.249	4.256	4.005	3.891	3.690	4.369	3.366	2.680	2.608	3.171	3.234	2.301
RECORD YEAR	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD MAXIMUM	1963	1963	1963	1963	1956	1956	1956	1956	1956	1970	1956	1956	1956
NORMALIZED MAX	4.670	7.410	8.850	9.120	10.520	10.900	12.660	13.250	14.270	15.870	20.940	29.670	43.950
CALC. COEF. VAR	1.298	2.176	2.424	2.204	2.361	2.370	2.653	2.322	1.963	1.918	2.234	2.255	1.569
REGN. COEF. VAR	.309	.358	.347	.348	.373	.363	.352	.322	.339	.336	.322	.333	.284
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.1096	.1370	.1581	.1698	.1840	.1952	.2244	.2438	.2829	.3227	.3891	.5548	1.0000
RP10/A	.1613	.2650	.2355	.2517	.2718	.2805	.3266	.3546	.4110	.4690	.5628	.8048	1.3529
RP25/A	.1851	.2441	.2786	.2960	.3193	.3343	.3785	.4091	.4654	.5408	.6454	.9236	1.5039
RP50/A	.2091	.2725	.3097	.3277	.3533	.3684	.4151	.4472	.5105	.5911	.7028	1.0000	1.6060
RP100/A	.2284	.3001	.3399	.3584	.3862	.4011	.4501	.4835	.5486	.6391	.7571	1.0844	1.7009
RP1000/A	.2895	.3688	.4060	.4554	.4901	.5039	.5593	.5957	.6644	.7871	.9235	1.3238	1.9825
RP10000/A	.3377	.4744	.5282	.5478	.5891	.6010	.6616	.6899	.7697	.9246	1.0765	1.5439	2.2320
PMP/A	.6869	.8892	1.0239	1.0865	1.1666	1.2170	1.3691	1.4875	1.7298	1.9639	2.3442	3.3979	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEFENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB F90 9122 0	STATION NAME UKIAH	ELEV 623	SEC 17	TWP 15N	RNG LOT 12W	RWM M	LATITUDE 39.150	LONGITUDE 123.200	COUNTY CODE 23				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.08	4.19	4.85	5.39	5.89	6.38	7.32	8.18	9.74	10.82	13.27	19.35	35.84
5	4.14	5.76	6.62	7.31	7.96	8.56	9.77	10.84	12.83	14.32	17.48	25.51	44.46
10	4.83	6.61	7.78	8.55	9.29	9.94	11.22	12.48	14.45	16.46	19.97	29.21	49.37
25	5.66	7.79	8.86	9.70	10.53	11.20	12.58	13.92	16.27	18.39	22.41	32.51	53.61
40	5.66	8.10	9.20	10.05	10.91	11.60	13.00	14.37	16.75	18.98	22.90	33.52	54.88
50	5.76	8.75	9.90	10.23	11.10	12.40	13.86	15.29	17.74	20.19	24.29	35.57	57.44
100	6.44	9.05	10.23	11.13	12.08	12.78	14.25	15.71	18.20	20.75	24.93	36.52	58.61
1000	6.44	9.96	11.22	12.17	13.20	13.91	15.46	16.94	19.56	22.43	26.86	39.35	62.07
400	7.40	10.86	12.20	13.18	14.24	15.01	16.62	18.22	20.86	24.05	28.70	42.07	65.33
1000	8.67	12.91	14.40	15.40	16.75	17.48	19.21	20.93	23.64	27.63	32.76	48.04	72.35
10000	10.41	15.75	17.44	18.40	20.14	20.84	22.72	24.59	27.44	32.45	38.15	56.03	81.45
PMP	20.57	29.85	33.81	36.84	39.87	42.71	47.01	52.26	61.67	68.93	83.16	122.22	183.19
MEAN	3.283	4.547	5.221	5.765	6.249	6.770	7.707	8.567	10.085	11.398	13.803	20.136	36.492
CLOCK HR. COR.	1.140	1.477	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.432	1.121	1.274	1.132	1.019	.980	.905	.783	.784	1.134	1.008	.733	.288
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.010	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.010	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	3.510	4.362	5.043	4.410	4.401	4.310	3.930	3.500	3.574	5.063	4.415	3.203	2.372
N	78	78	78	78	78	78	78	78	78	78	78	78	78
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1969	1969	1969
RECORD MAXIMUM	6.180	10.410	12.900	13.880	14.850	15.400	16.650	17.880	20.630	25.980	32.000	43.280	57.480
NORMALIZED MAX	2.340	3.182	3.642	3.510	3.563	3.335	3.069	2.940	2.840	3.431	3.511	3.081	1.949
CALC. COEF. VAR	.377	.405	.404	.401	.382	.382	.378	.389	.384	.377	.377	.373	.295
REGN. COEF. VAR	.351	.371	.365	.360	.350	.349	.340	.341	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.350	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0400	.1246	.1431	.1580	.1723	.1855	.2112	.2348	.2764	.3104	.3782	.5518	1.0000
RP10/A	.1323	.1805	.2131	.2342	.2546	.2723	.3074	.3415	.4016	.4511	.5571	.8004	1.3529
RP25/A	.1552	.2275	.2591	.2821	.3050	.3235	.3649	.3999	.4691	.5202	.6274	.9166	1.5039
RP50/A	.1716	.2479	.2802	.3050	.3305	.3501	.3906	.4306	.4987	.5586	.6832	1.0006	1.6000
RP100/A	.1874	.2730	.3076	.3335	.3617	.3812	.4236	.4655	.5360	.6147	.7360	1.0784	1.7009
RP1000/A	.2375	.3537	.3945	.4237	.4541	.4789	.5263	.5736	.6491	.7571	.8978	1.3165	1.9825
RP10000/A	.2852	.4316	.4670	.5097	.5518	.5712	.6226	.6759	.7520	.8694	1.0465	1.5354	2.2320
PMP/A	.5636	.8180	.9264	1.0110	1.0927	1.1567	1.2884	1.4321	1.6900	1.8890	2.2789	3.3493	5.0200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB F90 9273 0	STATION NAME VENADO	ELEV 1260	SEC 14	TWP 09N	RNG LOT 16W	RWM M	LATITUDE 38.617	LONGITUDE 123.017	COUNTY CODE 49				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.49	7.78	8.99	9.93	10.75	11.59	13.33	14.73	16.96	18.40	22.96	32.90	58.69
5	7.40	10.86	12.27	13.46	14.54	15.54	17.70	19.51	22.34	24.68	30.21	43.38	72.83
10	8.62	12.62	14.42	15.73	16.97	18.04	20.42	22.42	25.50	28.59	34.55	49.66	80.84
25	9.76	14.46	16.43	17.85	19.23	20.34	22.90	25.06	28.31	31.95	38.44	55.28	87.79
40	10.11	15.03	17.06	18.50	19.93	21.05	23.66	25.87	29.18	32.97	39.62	56.99	89.07
50	10.29	16.22	18.36	19.82	20.28	22.51	25.23	27.52	30.88	35.07	42.04	60.48	94.06
100	11.18	16.78	18.97	20.49	22.06	23.19	25.95	28.28	31.67	36.04	43.15	62.08	95.97
500	12.22	18.48	20.82	22.40	24.11	25.25	29.14	30.57	34.04	38.96	46.48	66.91	101.64
200	13.22	20.15	22.62	24.27	26.11	27.25	30.26	32.78	36.30	41.77	49.68	71.53	106.99
1000	15.48	23.94	26.70	28.47	30.60	31.72	34.97	37.67	41.23	47.99	56.70	81.68	118.47
10000	18.59	29.21	32.35	34.24	36.78	37.84	41.36	44.26	47.76	53.98	65.07	95.26	137.38
PMP	36.73	55.37	62.70	67.92	72.83	76.62	85.59	94.06	107.33	119.74	143.92	207.81	299.98
MEAN	5.863	8.433	9.683	10.612	11.487	12.289	14.032	15.419	17.552	19.678	23.888	34.235	59.758
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.224	1.007	1.076	1.189	1.210	1.018	1.623	1.268	1.029	1.047	1.303	1.054	1.136
REGIONAL SKEW	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
SKEW USED	1.100	1.300	1.200	1.100	1.100	1.000	.900	.800	.800	.800	.700	.700	.400
KURTOSIS	1.985	3.595	4.103	7.730	10.407	9.365	7.185	5.500	4.148	4.037	5.047	3.867	4.254
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1954	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1961	1961
RECORD MAXIMUM	8.130	13.910	17.250	23.910	26.210	29.460	32.750	32.830	35.070	37.940	49.460	66.830	113.350
NORMALIZED MAX	1.189	1.926	2.323	3.406	3.617	3.718	3.493	3.305	2.836	2.706	3.067	2.643	2.893
CALC. COEF. VAR	.352	.338	.336	.368	.381	.376	.335	.352	.352	.343	.352	.360	.310
REGN. COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
USED COEF. VAR	.351	.371	.365	.360	.356	.349	.340	.340	.341	.339	.335	.338	.268
MEAN/A	.0981	.1411	.1620	.1776	.1922	.2056	.2348	.2580	.2937	.3293	.3997	.5729	1.0000
RP10/A	.1443	.2112	.2413	.2623	.2817	.3018	.3417	.3753	.4268	.4705	.5782	.8310	1.3529
RP25/A	.1693	.2515	.2855	.3092	.3328	.3523	.3960	.4329	.4879	.5518	.6631	.9537	1.6030
RP50/A	.1871	.2807	.3174	.3428	.3691	.3881	.4342	.4732	.5300	.6031	.7220	1.0389	1.8009
RP100/A	.2044	.3093	.3493	.3749	.4035	.4226	.4709	.5116	.5697	.6520	.7739	1.1197	1.7009
RP1000/A	.2591	.4006	.4468	.4764	.5121	.5308	.5899	.6304	.6899	.8031	.9488	1.3669	1.9825
RP10000/A	.3113	.4868	.5413	.5730	.6155	.6332	.6922	.7406	.7992	.9434	1.1060	1.5941	2.2320
PMP/A	.6147	.9265	1.0492	1.1365	1.2187	1.2822	1.4323	1.5740	1.7961	2.0038	2.4084	3.4775	5.0200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE
G10 1614 0	CEDARVILLE	4670	NR	42N	16E		M	41.528	120.173	25

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.09	1.31	1.41	1.57	1.69	1.77	1.96	2.11	2.51	2.75	3.37
5	1.59	1.98	2.21	2.44	2.64	2.78	3.02	3.24	3.75	4.12	5.01
10	1.92	2.45	2.76	3.06	3.33	3.50	3.76	4.03	4.56	5.01	5.86
20	2.23	2.90	3.31	3.67	4.01	4.21	4.46	4.78	5.33	5.85	6.77
25	2.33	3.04	3.48	3.86	4.23	4.43	4.69	5.01	5.56	6.11	7.05
40	2.63	3.34	3.84	4.27	4.69	4.90	5.15	5.51	6.05	6.65	7.19
50	2.82	3.48	4.01	4.46	4.91	5.12	5.37	5.74	6.28	6.91	7.40
100	2.91	3.90	4.53	5.05	5.58	5.81	6.04	6.46	6.98	7.68	8.73
200	3.20	4.32	5.04	5.64	6.21	6.48	6.71	7.09	7.63	8.43	9.53
1000	3.84	5.28	6.22	6.99	7.78	8.05	8.22	8.77	9.21	10.13	11.33
10000	4.74	6.63	7.78	8.40	9.47	10.24	10.75	11.03	11.34	12.48	13.81
PMF	9.20	12.38	14.45	15.89	17.41	18.36	19.40	20.65	22.82	25.11	28.27

MEAN	1.203	1.482	1.629	1.821	1.975	2.062	2.231	2.444	2.773	3.040	3.662
CLOCK HR. CUR.	1.140	1.470	1.604	1.820	1.970	1.910	1.980	1.980	1.980	1.980	1.980
CALCULATED SKEW	2.147	1.839	1.685	1.498	1.313	1.213	1.075	0.975	1.000	1.032	1.589
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.900	1.700	1.500	1.200	1.200	1.000
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.000

KURTOSIS	9.009	6.624	6.575	10.304	13.014	13.012	11.840	9.533	8.164	6.537	4.489
N	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1958	1958	1963	1963	1963	1963	1963	1963	1963	1963	1963
RECORD MAXIMUM	3.320	3.320	3.900	5.400	6.760	6.910	6.860	6.810	6.860	6.860	6.960
NORMALIZED MAX	2.764	2.582	2.780	3.449	3.753	3.753	3.715	3.502	3.357	3.141	2.671
CALC. COEF. VAR	.452	.440	.502	.570	.614	.581	.527	.500	.439	.400	.327
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448

MEAN/A	.0903	.1113	.1223	.1367	.1493	.1548	.1675	.1805	.2082	.2283	.2750
RP10/A	.1139	.1404	.1576	.1749	.1895	.1968	.2021	.2023	.2023	.2023	.2023
RP25/A	.1747	.2283	.2611	.2901	.3178	.3324	.3519	.3765	.4176	.4589	.5294
RP50/A	.1970	.2609	.3007	.3344	.3684	.3845	.4033	.4310	.4717	.5193	.5933
RP100/A	.2188	.2929	.3397	.3743	.4187	.4359	.4537	.4847	.5242	.5762	.6552
RP1000/A	.2886	.3967	.4670	.5245	.5843	.6042	.6173	.6585	.6913	.7602	.8506
RP10000/A	.3560	.4981	.5920	.6679	.7484	.7703	.7771	.8283	.8516	.9367	1.1038
PMF/A	.6906	.9293	1.0851	1.1930	1.3074	1.3787	1.5566	1.5504	1.7132	1.8855	2.1227

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RMM	LATITUDE	LONGITUDE	COUNTY CODE
G10 3157 0	FORT BOWELL	3647	4498	17	46N	16E	M	41.850	120.133	25

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.12	1.39	1.52	1.62	1.69	1.80	2.03	2.25	2.71	3.08	3.71
5	1.63	2.10	2.38	2.52	2.65	2.83	3.13	3.45	4.05	4.61	5.38
10	1.98	2.60	2.98	3.17	3.34	3.56	3.89	4.29	4.93	5.61	6.46
20	2.30	3.07	3.56	3.90	4.03	4.28	4.63	5.09	5.75	6.51	7.46
25	2.40	3.22	3.75	4.09	4.25	4.51	4.86	5.24	6.01	6.83	7.77
40	2.61	3.54	4.14	4.42	4.71	4.99	5.34	5.86	6.54	7.44	7.92
50	2.70	3.68	4.32	4.61	4.92	5.21	5.57	6.11	6.79	7.72	8.71
100	3.00	4.14	4.88	5.22	5.59	5.91	6.26	6.87	7.54	8.58	9.61
200	3.30	4.58	5.43	5.83	6.26	6.60	6.95	7.62	8.28	9.42	10.50
1000	3.96	5.60	6.71	7.23	7.81	8.19	8.52	9.34	9.95	11.32	12.48
10000	4.89	7.03	8.50	9.20	10.00	10.44	10.73	11.74	12.66	13.95	15.22
PMF	9.48	13.12	15.58	16.43	17.47	18.69	20.11	21.98	24.66	28.08	31.15

MEAN	1.240	1.572	1.756	1.883	1.982	2.099	2.313	2.559	2.996	3.400	4.035
CLOCK HR. CUR.	1.140	1.470	1.604	1.820	1.970	1.910	1.980	1.980	1.980	1.980	1.980
CALCULATED SKEW	1.360	1.414	1.505	1.572	1.654	1.712	1.854	1.919	1.980	1.980	1.980
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.000
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.000

KURTOSIS	4.478	4.378	5.198	5.786	7.164	7.516	6.573	5.270	6.028	9.112	6.924
N	64	64	64	64	64	64	64	64	64	64	64
RECORD YEAR	1971	1936	1965	1905	1963	1943	1963	1965	1965	1965	1971
RECORD MAXIMUM	2.350	3.230	3.860	4.260	4.860	5.370	5.520	5.960	7.460	9.350	10.180
NORMALIZED MAX	2.418	2.602	2.969	3.224	3.672	3.825	3.484	3.413	3.904	4.587	4.206
CALC. COEF. VAR	.370	.406	.404	.391	.396	.404	.398	.389	.382	.382	.362
REGN. COEF. VAR	.443	.470	.525	.515	.521	.527	.513	.506	.482	.484	.448
USED COEF. VAR	.443	.470	.525	.515	.521	.527	.513	.506	.482	.484	.448

MEAN/A	.0838	.1062	.1187	.1273	.1339	.1418	.1563	.1730	.2025	.2298	.2727
RP10/A	.1335	.1756	.2015	.2141	.2254	.2408	.2632	.2896	.3333	.3788	.4365
RP25/A	.1620	.2179	.2534	.2701	.2870	.3047	.3283	.3608	.4062	.4619	.5250
RP50/A	.1928	.2690	.2918	.3119	.3327	.3522	.3762	.4130	.4588	.5218	.5885
RP100/A	.2030	.2795	.2927	.3181	.3372	.3573	.3893	.4304	.4800	.5498	.6124
RP1000/A	.2677	.3786	.4532	.4893	.5276	.5534	.5759	.6204	.6724	.7652	.8436
RP10000/A	.3302	.4753	.5746	.6217	.6758	.7056	.7249	.7937	.8283	.9428	1.0283
PMF/A	.6405	.8866	1.0531	1.1106	1.1805	1.2630	1.3589	1.4857	1.6663	1.8978	2.1052

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. #5N ORDER SUB 010 4675 0	STATION NAME LAKE CITY	ELEV 4613	SEC 36	TWP 44N	RNG LOT 15E	RWM M	LATITUDE 41.633	LONGITUDE 120+217	COUNTY CODE 25				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.97	2.32	2.41	2.60	2.78	2.96	3.20	3.46	4.07	4.52	5.64	8.16	20.87
5	2.86	3.52	3.77	4.03	4.35	4.64	4.94	5.31	6.07	6.76	8.19	11.56	27.25
10	3.46	4.35	4.73	5.05	5.50	5.84	6.14	6.59	7.39	8.23	9.83	13.71	31.00
20	4.02	5.14	5.65	6.07	6.63	7.02	7.30	7.82	8.62	9.60	11.35	15.69	34.33
25	4.19	5.40	5.95	6.39	6.99	7.39	7.66	8.21	9.00	10.03	11.82	16.30	35.34
40	4.56	5.92	6.56	7.06	7.74	8.18	8.42	9.02	9.80	10.92	12.05	17.50	37.38
50	4.73	6.17	6.85	7.38	8.10	8.55	8.78	9.41	10.17	11.33	12.45	18.14	39.32
100	5.25	6.92	7.74	8.35	9.21	9.69	9.88	10.51	11.30	12.41	13.62	19.42	42.43
200	5.77	7.67	8.62	9.32	10.31	10.82	10.96	11.72	12.41	13.83	15.57	21.64	43.81
1000	6.93	9.37	10.64	11.95	12.85	13.43	13.44	14.35	14.96	16.62	18.99	25.48	49.65
10000	8.95	11.77	13.48	14.71	16.46	17.12	16.91	18.06	18.30	20.47	23.15	30.74	57.40
PMP	16.58	21.96	24.72	26.28	28.75	30.65	31.71	33.80	36.93	41.21	47.39	64.11	128.04
MEAN	2.149	2.630	2.785	3.012	3.262	3.442	3.667	3.935	4.488	4.989	6.139	8.764	21.574
CLOCK MR. COR.	1.146	1.170	1.040	1.020	1.012	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.200	1.462	1.314	.969	.874	.857	.643	.557	.676	.734	1.085	1.355	.885
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.000	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.000	1.000	.600

KUMTOSIS	3.731	5.284	4.703	3.636	3.281	3.173	2.065	2.503	2.862	3.352
N	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938
RECORD MAXIMUM	4.400	6.800	6.850	6.850	6.051	7.000	7.060	7.541	8.760	10.260
NORMALIZED MAX	1.877	2.721	2.686	2.400	2.352	2.199	2.038	2.036	2.280	2.539
CALC. COEF. VAR	.597	.583	.543	.512	.468	.470	.459	.451	.418	.416
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.484	.448
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.484	.448
MEAN/A	.1005	.1219	.1291	.1396	.1512	.1595	.1690	.1824	.2081	.2313
RP10/A	.1002	.1216	.1291	.1388	.1500	.1578	.1684	.1804	.2043	.2285
RP25/A	.1004	.1250	.1277	.1362	.1473	.1551	.1651	.1764	.1984	.2226
RP50/A	.1213	.1458	.1473	.1540	.1655	.1732	.1832	.1945	.2165	.2407
RP100/A	.1436	.1709	.1732	.1809	.1924	.2001	.2091	.2194	.2414	.2656
RP1000/A	.3213	.4345	.4730	.5355	.5956	.6225	.6228	.6533	.6908	.7702
RP10000/A	.3963	.5456	.6250	.6819	.7629	.7937	.7840	.8369	.8809	.9490
PMP/A	.7686	1.0189	1.1456	1.2180	1.3326	1.4204	1.4697	1.5666	1.7119	1.9102

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	RWM	LATITUDE	LONGITUDE	COUNTY CODE	
020 5231 0	MADEIRA HMS	5231	19	32N	13E	M	41.056	120+472	18	
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.21	1.36	1.48	1.59	1.65	1.63	1.85	2.00	2.42	2.61
5	1.75	2.07	2.32	2.48	2.59	2.55	2.85	3.07	3.62	3.90
10	2.11	2.55	2.90	3.11	3.27	3.22	3.58	3.80	4.44	4.74
20	2.46	3.02	3.47	3.73	3.94	3.86	4.21	4.51	5.14	5.54
25	2.56	3.17	3.65	3.93	4.15	4.07	4.42	4.74	5.36	5.78
40	2.79	3.48	4.03	4.34	4.60	4.50	4.86	5.21	5.84	6.29
50	2.89	3.62	4.20	4.53	4.81	4.70	5.07	5.42	6.06	6.53
100	3.21	4.07	4.75	5.13	5.47	5.33	5.70	6.10	6.73	7.26
200	3.53	4.51	5.29	5.73	6.12	5.96	6.33	6.77	7.39	7.97
1000	4.24	5.51	6.53	7.10	7.63	7.39	7.76	8.24	8.88	9.59
10000	5.23	6.91	8.28	9.04	9.77	9.42	9.76	10.42	10.94	11.61
PMP	10.14	12.90	15.17	16.14	17.07	16.87	18.30	19.51	22.00	23.76
MEAN	1.326	1.545	1.709	1.850	1.937	1.894	2.105	2.272	2.674	2.877
CLOCK MR. COR.	1.147	1.170	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.780	1.573	1.824	1.901	1.759	2.045	1.654	1.403	1.203	1.052
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.100
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.100
KUMTOSIS	6.309	5.197	6.885	7.594	6.901	8.344	5.987	5.207	4.324	3.936
N	20	20	20	20	20	19	19	19	19	19
RECORD YEAR	1916	1963	1963	1963	1963	1963	1963	1916	1916	1916
RECORD MAXIMUM	3.100	3.710	4.660	5.230	5.320	5.380	5.380	5.970	6.270	6.020
NORMALIZED MAX	2.114	2.365	2.874	3.078	3.030	3.152	2.818	2.365	2.382	2.297
CALC. COEF. VAR	.2405	.592	.301	.370	.512	.372	.4214	.512	.5039	.5435
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
MEAN/A	.1103	.1285	.1422	.1534	.1611	.1575	.1751	.1889	.2224	.2393
RP10/A	.1757	.2125	.2414	.2588	.2717	.2674	.2948	.3164	.3661	.3945
RP25/A	.2133	.2637	.3036	.3268	.3452	.3384	.3678	.3941	.4462	.4811
RP50/A	.2405	.3013	.3496	.3770	.3972	.3924	.4214	.4462	.5039	.5435
RP100/A	.2672	.3382	.3951	.4269	.4548	.4435	.4742	.5074	.5600	.6041
RP1000/A	.3524	.5481	.5431	.5904	.6346	.6415	.6893	.7385	.7969	.8850
RP10000/A	.4347	.7572	.6884	.7517	.8129	.7838	.8121	.8671	.9098	.9620
PMP/A	.4431	1.0731	1.2818	1.3428	1.4200	1.4029	1.5222	1.6231	1.8303	1.9766
MEAN/100	13.26	15.45	17.09	18.50	19.37	18.94	21.05	22.72	26.74	28.77
CLOCK MR. COR/100	11.47	11.70	10.40	10.20	10.10	10.10	10.00	10.00	10.00	10.00
CALCULATED SKEW/100	17.80	15.73	18.24	19.01	17.59	20.45	16.54	14.03	12.03	10.52
REGIONAL SKEW/100	13.00	15.00	16.00	17.00	18.00	17.00	15.00	15.00	12.00	11.00
SKEW USED/100	13.00	15.00	16.00	17.00	18.00	17.00	15.00	15.00	12.00	11.00
KUMTOSIS/100	63.09	51.97	68.85	75.94	69.01	83.44	59.87	52.07	43.24	39.36
N/100	20	20	20	20	20	19	19	19	19	19
RECORD YEAR/100	1916	1963	1963	1963	1963	1963	1963	1916	1916	1916
RECORD MAXIMUM/100	31.00	37.10	46.60	52.30	53.20	53.80	53.80	59.70	62.70	60.20
NORMALIZED MAX/100	21.14	23.65	28.74	30.78	30.30	31.52	28.18	23.65	23.82	22.97
CALC. COEF. VAR/100	.2405	.592	.301	.370	.512	.372	.4214	.512	.5039	.5435
REGN. COEF. VAR/100	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
USED COEF. VAR/100	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
MEAN/A/100	.1103	.1285	.1422	.1534	.1611	.1575	.1751	.1889	.2224	.2393
RP10/A/100	.1757	.2125	.2414	.2588	.2717	.2674	.2948	.3164	.3661	.3945
RP25/A/100	.2133	.2637	.3036	.3268	.3452	.3384	.3678	.3941	.4462	.4811
RP50/A/100	.2405	.3013	.3496	.3770	.3972	.3924	.4214	.4462	.5039	.5435
RP100/A/100	.2672	.3382	.3951	.4269	.4548	.4435	.4742	.5074	.5600	.6041
RP1000/A/100	.3524	.5481	.5431	.5904	.6346	.6415	.6893	.7385	.7969	.8850
RP10000/A/100	.4347	.7572	.6884	.7517	.8129	.7838	.8121	.8671	.9098	.9620
PMP/A/100	.4431	1.0731	1.2818	1.3428	1.4200	1.4029	1.5222	1.6231	1.8303	1.9766
MEAN/1000	132.6	154.5	170.9	185.0	193.7	189.4	210.5	227.2	267.4	287.7
CLOCK MR. COR/1000	114.7	117.0	104.0	102.0	101.0	101.0	100.0	100.0	100.0	100.0
CALCULATED SKEW/1000	178.0	157.3	182.4	190.1	175.9	204.5	165.4	140.3	120.3	105.2
REGIONAL SKEW/1000	130.0	150.0	160.0	170.0	180.0	170.0	150.0	150.0	120.0	110.0
SKEW USED/1000	130.0	150.0	160.0	170.0	180.0	170.0	150.0	150.0	120.0	110.0
KUMTOSIS/1000	63.09	51.97	68.85	75.94	69.01	83.44	59.87	52.07	43.24	39.36
N/1000	20	20	20	20	20	19	19	19	19	19
RECORD YEAR/1000	1916	1963	1963	1963	1963	1963	1963	1916	1916	1916
RECORD MAXIMUM/1000	31.00	37.10	46.60	52.30	53.20	53.80	53.80	59.70	62.70	60.20
NORMALIZED MAX/1000	21.14	23.65	28.74	30.78	30.30	31.52	28.18	23.65	23.82	22.97
CALC. COEF. VAR/1000	.2405	.592	.301	.370	.512	.372	.4214	.512	.5039	.5435
REGN. COEF. VAR/1000	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
USED COEF. VAR/1000	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
MEAN/A/1000	.1103	.1285	.1422	.1534	.1611	.1575	.1751	.1889	.2224	.2393
RP10/A/1000	.1757	.2125	.2414	.2588	.2717	.2674	.2948	.3164	.3661	.3945
RP25/A/1000	.2133	.2637	.3036	.3268	.3452	.3384	.3678	.3941	.4462	.4811
RP50/A/1000	.2405	.3013	.3496	.3770	.3972	.3924	.4214	.4462	.5039	.5435
RP100/A/1000	.2672	.3382	.3951	.4269	.4548	.4435	.4742	.5074	.5600	.6041
RP1000/A/1000	.3524	.5481	.5431	.5904	.6346	.6415	.6893	.7385	.7969	.8850
RP10000/A/1000	.4347	.7572	.6884	.7517	.8129	.7838	.8121	.8671	.9098	.9620
PMP/A/1000	.4431	1.0731	1.2818	1.3428	1.4200	1.4029	1.5222	1.6231	1.8303	1.9766
MEAN/10000	1326	1545	1709	1850	1937	1894	2105	2272	2674	2877
CLOCK MR. COR/10000	1147	1170	1040	1020	1010	1010	1000	1000	1000	1000
CALCULATED SKEW/10000	1780	1573	1824	1901	1759	2045	1654	1403	1203	1052
REGIONAL SKEW/10000	1300	1500	1600	1700	1800	1700	1500	1500	1200	1100
SKEW USED/10000	1300	1500	1600	1700	1800	1700	1500	1500	1200	1100
KUMTOSIS/10000	6309	5197	6885	7594	6901	8344	5987	5207	4324	3936
N/10000	20	20	20	20	20	19	19	19	19	19
RECORD YEAR/10000	1916	1963	1963	1963	1963	1963	1963	1916	1916	1916
RECORD MAXIMUM/10000	3100	3710	4660	5230	5320	5380	5380	5970	6270	6020
NORMALIZED MAX/10000	2114	2365	2874	3078	3030	3152	2818	2365	2382	2297
CALC. COEF. VAR/10000	.2405	.592	.301	.370	.512	.372	.4214	.512	.5039	.5435
REGN. COEF. VAR/10000	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
USED COEF. VAR/10000	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
MEAN/A/10000	.1103	.1285	.1422	.1534	.1611	.1575	.1751	.1889	.2224	.2393
RP10/A/10000	.1757	.2125	.2414	.2588	.2717	.2674	.2948	.3164	.3661	.3945
RP25/A/10000	.2133	.2637	.3036	.3268	.3452	.3384	.3678	.3941	.4462	.4811
RP50/A/10000	.2405	.3013	.3496	.3770	.3972	.3924	.4214	.4462	.5039	.5435
RP100/A/10000	.2672	.3382	.3951	.4269	.4548	.4435	.4742	.5074	.5600	.6041
RP1000/A/10000	.3524	.5481	.5431	.5904	.6346	.6415	.6893	.7385	.7969	.8850
RP10000/A/10000	.4347	.7572	.6884	.7517	.8129	.7838	.8121	.8671	.9098	.9620
PMP/A/10000	.4431	1.0731	1.2818	1.3428	1.4200	1.4029	1.5222	1.6231	1.8303	1.9766
MEAN/100000	1326	1545	1709	1850	1937	1894	2105	2272	2674	2877
CLOCK MR. COR/100000	1147	1170	1040	1020	1010	1010	1000	1000	1000	1000
CALCULATED SKEW/100000	1780	1573	1824	1901	1759	2045	1654	1403	1203	1052
REGIONAL SKEW/100000	1300	1500	1600	1700	1800	1700	1500	1500	1200	1100
SKEW USED/100000	1300	1500	1600	1700	1800	1700	1500	1500	1200	1100
KUMTOSIS/100000	6309	5197	6885	7594	6901	8344	5987	5207	4324	3936
N/100000	20	20	20	20	20	19	19	19	19	19
RECORD YEAR/100000	1916	1963	1963	1963	1963	1963	1963	1916	1916	1916
RECORD MAXIMUM/100000	3100	3710	4660	5230	5320	5380	5380	5970	6270	6020
NORMALIZED MAX/100000	2114	2365	2874	3078	3030	3152	2818	2365	2382	2297
CALC. COEF. VAR/100000	.2405	.592	.301	.370	.512	.372	.4214	.512	.5039	.5435
REGN. COEF. VAR/100000	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
USED COEF. VAR/100000	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
MEAN/A/100000	.1103	.1285	.1422	.1534	.1611	.1575	.1751	.1889	.2224	.2393
RP10/A/100000	.1757	.2125	.2414	.2588	.2717	.2674	.2948	.3164	.3661	.3945
RP25/A/100000	.2133	.2637	.3036	.3268	.3452	.3384	.3678	.3941	.4462	.4811
RP50/A/100000	.2405									

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

*HERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB 040 07-2 0	STATION NAME SUSANVILLE AIRPORT	ELEV 4148	SEC 13	TWP 29N	RNG LOT 12E R M	WMM H	LATITUDE 40-383	LONGITUDE 120-550	COUNTY CODE 18			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600
2	1.71	2.26	2.43	2.65	2.76	2.99	3.35	3.60	4.12	4.38	5.12	7.04
5	2.49	3.43	3.80	4.11	4.32	4.69	5.17	5.53	6.16	6.56	7.42	9.98
10	3.01	4.23	4.77	5.16	5.45	5.90	6.43	6.80	7.49	7.98	8.91	11.83
20	3.50	5.01	5.70	6.19	6.57	7.09	7.65	8.14	8.74	9.31	10.29	13.54
25	3.65	5.25	6.00	6.51	6.93	7.47	8.03	8.55	9.13	9.73	10.72	14.07
30	3.77	5.76	6.61	7.20	7.68	8.26	8.82	9.30	9.93	10.59	10.93	15.15
50	4.12	6.00	6.90	7.52	8.03	8.64	9.20	9.74	10.31	10.99	12.01	15.66
100	4.57	6.74	7.80	8.51	9.13	9.79	10.35	11.00	11.46	12.22	13.26	17.19
200	5.02	7.46	8.69	9.50	10.22	10.94	11.49	12.20	12.58	13.41	14.48	18.67
1000	6.03	9.12	10.72	11.77	12.74	13.57	15.08	16.95	18.11	19.12	17.26	21.99
10000	7.44	11.45	13.59	14.99	16.32	17.30	17.73	18.81	19.61	19.86	20.94	26.53
PMP	14.43	21.37	24.92	26.78	28.50	30.97	33.23	35.21	37.45	39.97	42.96	55.33
MEAN	1.888	2.559	2.807	3.009	3.234	3.478	3.821	4.099	4.550	4.839	5.565	7.564
CLOCK HR. DUR.	1.140	1.770	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.772	2.473	2.610	2.810	2.990	3.270	3.570	3.761	4.221	4.571	5.271	7.011
REGIONAL SKEW	1.300	1.450	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.100	1.000	.600
SKEW USED	1.300	1.400	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	.183
KURTOSIS	7.103	11.69	12.183	11.068	11.215	10.352	7.353	6.845	5.835	6.743	5.491	3.475
N	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1963	1963	1963	1963	1963	1963	1963	1963	1963	1965	1965	1965
RECORD MAXIMUM	4.700	6.240	10.120	11.310	12.250	12.250	12.250	12.250	12.260	14.340	14.630	16.540
NORMALIZED MAX	2.869	3.631	3.957	3.974	4.042	4.337	3.544	3.544	3.031	3.307	3.132	2.639
CALC. COEF. VAR	.519	.422	.658	.676	.690	.641	.622	.582	.559	.594	.520	.450
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421
MEAN/A	.283	.1739	.1907	.2085	.2197	.2363	.2596	.2764	.3091	.3288	.3781	.5139
NP10/A	.1263	.1875	.2238	.2507	.2705	.4011	.4372	.4687	.5087	.5307	.6055	.8039
NP25/A	.1607	.2481	.2875	.3238	.3507	.3705	.4011	.4372	.4687	.5087	.5807	.7280
NP50/A	.1798	.2798	.3276	.3691	.4076	.4425	.4707	.5071	.5454	.5807	.6610	.8159
NP100/A	.2167	.3167	.3576	.4000	.4350	.4652	.4907	.5117	.5384	.5610	.6309	.7918
NP1000/A	.2898	.4098	.4698	.5285	.5799	.6251	.6656	.7015	.7285	.7560	.8309	1.0639
RP1000/A	.4084	.6198	.7285	.7919	.8654	.9221	.9566	1.0157	1.0285	1.0950	1.1807	1.4942
RP10000/A	.6055	.7782	.9235	1.0185	1.1086	1.1756	1.2042	1.2776	1.2644	1.3492	1.44257	1.8026
PMP/A	.9906	1.4518	1.6927	1.8194	1.9365	2.1042	2.2573	2.3915	2.5441	2.7158	2.9189	3.7591

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. RSN ORDER SUB 060 2504 0	STATION NAME DOYLE	ELEV 45	SEC 4240	TWP 08	RNG LOT 25N 17E P M	WMM H	LATITUDE 40-029	LONGITUDE 120-103	COUNTY CODE 18			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600
2	1.59	1.81	1.96	2.07	2.19	2.29	2.53	2.68	2.95	3.20	3.64	5.01
5	2.31	2.75	3.07	3.22	3.43	3.60	3.91	4.11	4.40	4.79	5.38	7.10
10	2.80	3.49	3.85	4.04	4.33	4.53	4.87	5.10	5.35	5.63	6.43	8.42
20	3.25	4.02	4.40	4.64	5.22	5.44	5.78	6.05	6.24	6.80	7.43	9.64
25	3.39	4.21	4.64	5.10	5.50	5.73	6.07	6.36	6.52	7.10	7.73	10.01
40	3.69	4.62	5.34	5.63	6.10	6.34	6.67	6.98	7.10	7.73	7.89	10.79
50	3.83	4.62	5.58	5.89	6.36	6.63	6.96	7.28	7.37	8.03	8.67	11.15
100	4.25	5.41	6.30	6.87	7.25	7.51	7.83	8.18	8.19	8.92	9.57	12.24
200	4.67	5.99	7.02	7.44	8.12	8.39	8.68	9.07	8.99	9.80	10.45	13.29
1000	5.61	7.32	8.66	9.22	10.12	10.42	10.65	11.12	10.80	11.77	12.43	15.65
10000	6.92	9.19	10.98	11.74	12.96	13.28	13.40	13.98	13.30	14.50	15.15	18.89
PMP	13.42	17.15	20.12	20.97	22.64	23.77	25.12	26.17	26.76	29.19	31.01	39.38
MEAN	1.755	2.054	2.267	2.403	2.569	2.669	2.889	3.047	3.251	3.534	4.017	5.384
CLOCK HR. DUR.	1.145	1.770	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.475	1.224	1.160	1.130	1.050	1.100	1.949	1.971	1.727	1.799	1.860	1.378
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000
KURTOSIS	4.700	4.106	3.923	4.464	7.138	7.678	8.160	8.486	7.234	7.835	8.553	5.792
RECORD YEAR	52	52	52	52	52	52	52	52	52	52	52	52
RECORD MAXIMUM	1963	1963	1963	1930	1956	1956	1956	1956	1956	1956	1956	1956
NORMALIZED MAX	3.850	4.710	5.280	6.330	6.570	9.190	10.100	10.700	10.770	12.060	13.470	15.320
CALC. COEF. VAR	2.314	2.412	2.386	2.901	3.852	4.014	4.172	4.246	4.055	4.182	4.308	3.802
REGN. COEF. VAR	.516	.536	.557	.563	.607	.609	.598	.591	.570	.577	.546	.485
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421
MEAN/A	1.606	1.879	2.074	2.198	2.349	2.442	2.643	2.787	2.974	3.232	3.674	4.925
NP10/A	.2558	.3107	.3521	.3696	.3962	.4145	.4451	.4667	.4896	.5330	.5882	.7704
NP25/A	.3105	.3855	.4429	.4664	.5034	.5245	.5552	.5813	.5967	.6498	.7075	.9160
NP50/A	.3502	.4405	.5101	.5384	.5836	.6083	.6362	.6656	.6739	.7341	.7929	1.0195
NP100/A	.3893	.4945	.5763	.6097	.6633	.6874	.7158	.7484	.7489	.8160	.8755	1.1192
NP1000/A	.5131	.6697	.7922	.8431	.9255	.9528	.9739	1.0168	.9876	1.0765	1.1367	1.4319
NP10000/A	.6329	.8409	1.0042	1.0736	1.1856	1.2147	1.2260	1.2790	1.2166	1.3265	1.3855	1.7276
PMP/A	1.2275	1.5689	1.8407	1.9177	2.0710	2.1743	2.2981	2.3941	2.4476	2.6700	2.8366	3.6025

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	HHM	LATITUDE	LONGITUDE	COUNTY				
G70 931 0	HOCA	10	5575	2R	18N	17E	D M	39-36N	120-09E	29			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.99	2.66	3.00	3.26	3.55	3.82	4.34	4.61	5.59	6.26	7.29	10.40	21.61
5	2.49	4.03	4.70	5.06	5.56	6.00	6.71	7.38	8.35	9.36	10.58	15.01	26.22
10	3.50	4.96	5.89	6.36	7.02	7.55	8.34	9.15	10.16	11.39	12.69	17.61	39.11
20	4.07	5.69	7.04	7.82	8.46	9.07	9.91	10.86	11.95	13.30	14.66	20.38	35.56
25	4.25	6.18	7.49	8.02	8.82	9.56	10.43	11.40	12.38	13.89	15.27	21.17	36.60
40	4.62	6.78	8.17	8.46	9.48	10.57	11.44	12.53	13.47	15.12	15.57	22.81	38.72
50	4.79	7.06	8.53	9.26	10.34	11.05	11.92	13.05	13.98	15.70	17.11	23.56	39.69
100	5.32	7.93	9.64	10.48	11.75	12.52	13.42	14.68	15.54	17.45	18.90	25.87	42.60
200	5.94	6.78	11.73	11.10	14.16	13.49	14.49	16.22	15.16	19.16	20.63	28.10	45.37
1000	7.07	11.74	13.25	14.50	16.40	17.36	18.25	19.94	20.49	23.02	24.53	33.10	51.43
10000	8.66	13.49	16.79	16.40	21.01	22.13	22.98	25.28	25.24	28.36	29.90	39.93	59.45
PMP	16.79	25.16	30.77	32.98	36.64	39.62	43.07	46.95	50.78	57.09	61.22	83.27	137.62
MEAN	2.196	3.113	3.468	3.780	4.163	4.449	4.953	5.466	6.170	6.911	7.930	11.383	22.346
CLOCK HR. COR.	1.140	1.770	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.305	1.667	1.400	1.411	1.226	1.226	1.272	1.272	1.272	1.272	1.272	1.272	1.272
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	2.179	3.264	3.533	3.146	2.884	5.546	4.871	4.545	3.503	3.483	3.450	2.879	2.617
N	34	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1963	1963	1956	1969	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	2.480	5.230	6.620	7.140	8.450	10.490	11.260	12.500	12.680	14.880	16.410	21.890	37.860
NORMALIZED MAX	1.167	2.065	2.253	2.214	2.420	3.415	3.001	2.990	2.607	2.649	2.720	2.472	2.368
CALC. COEF. VAR	.267	.350	.404	.402	.404	.424	.426	.430	.417	.435	.432	.373	.293
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.444	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.444	.421	.329
MEAN/A	.0983	.1349	.1552	.1692	.1863	.1991	.2217	.2446	.2761	.3093	.3549	.5094	1.0000
RP10/A	.1566	.2230	.2635	.2845	.3142	.3340	.3733	.4096	.4545	.5069	.5681	.7969	1.4371
RP25/A	.1901	.2767	.3314	.3590	.3991	.4277	.4657	.5102	.5540	.6218	.6833	.9475	1.6379
RP50/A	.2144	.3161	.3816	.4144	.4627	.4944	.5336	.5842	.6257	.7024	.7659	1.0546	1.7762
RP100/A	.2381	.3559	.4312	.4662	.5259	.5605	.6004	.6568	.6953	.7857	.8456	1.1576	1.9066
RP1000/A	.3160	.4497	.5927	.6489	.7338	.7749	.8168	.8924	.9170	1.1300	1.0979	1.4811	2.3014
RP10000/A	.3873	.6035	.7514	.8652	.9400	.9965	1.0283	1.1225	1.1296	1.2692	1.3382	1.7869	2.6605
PMP/A	.7513	1.1261	1.3772	1.4759	1.6421	1.7729	1.9275	2.1012	2.2725	2.5547	2.7398	3.7263	5.9350

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB G70 2467 0	STATION NAME DONNER MEM ST PARK	ELEV 42	SEC 5937	TWP 17	RNG LOT 17N	HHM 16E E M	LATITUDE 39-323	LONGITUDE 120+232	COUNTY 29				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.40	4.77	5.51	6.10	6.61	7.11	8.42	9.41	10.89	11.89	13.86	19.54	39.93
5	4.95	7.24	8.62	9.48	10.34	11.15	13.00	14.45	16.26	17.79	20.11	27.68	52.15
10	5.94	8.94	10.80	11.90	13.06	14.05	16.17	17.93	19.78	21.65	24.13	32.83	59.33
20	6.95	10.58	12.91	14.26	15.74	16.88	19.21	21.28	23.08	25.27	27.86	37.57	65.49
25	7.25	11.10	13.58	15.02	16.59	17.78	20.17	22.34	24.11	26.40	29.02	39.03	67.62
40	7.89	12.17	14.68	16.59	18.39	19.67	22.17	24.54	26.23	28.73	29.59	42.05	71.54
50	8.18	12.68	15.64	17.33	19.24	20.56	23.11	25.57	27.23	29.62	32.53	43.45	73.33
100	9.09	14.24	17.68	19.43	21.46	23.30	26.00	28.76	30.26	33.14	35.92	47.69	78.71
200	9.97	15.77	19.69	21.90	24.48	26.03	28.85	31.90	33.22	36.39	39.22	51.81	83.83
1000	11.96	19.28	24.30	27.14	30.51	32.30	35.37	39.07	39.90	43.73	46.64	61.02	95.02
10000	14.78	24.21	30.80	34.58	39.08	41.18	44.53	49.15	45.15	53.68	56.84	73.62	109.84
PMP	28.67	45.17	56.46	61.74	68.27	73.71	83.47	91.99	98.89	108.45	116.37	153.51	245.03
MEAN	3.751	5.409	6.381	7.076	7.744	8.277	9.600	10.769	12.016	13.130	15.074	20.986	41.286
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.561	1.381	1.676	1.596	1.575	1.859	1.856	1.430	1.237	1.594	1.694	1.351	.430
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	5.167	4.670	5.305	5.092	5.269	6.712	6.090	5.642	5.018	6.028	6.204	6.529	2.374
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.810	10.470	14.580	15.440	17.850	21.030	22.010	23.920	24.810	29.440	31.920	43.070	60.120
NORMALIZED MAX	1.953	1.962	2.468	2.403	2.608	2.964	2.820	2.734	2.509	2.706	2.694	2.991	1.715
CALC. COEF. VAR	.418	.477	.519	.492	.500	.520	.458	.451	.424	.459	.411	.352	.266
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.444	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.444	.421	.329
MEAN/A	.0908	.1310	.1541	.1714	.1876	.2005	.2325	.2594	.2910	.3180	.3651	.5083	1.0000
RP10/A	.1447	.2166	.2616	.2882	.3163	.3403	.3916	.4344	.4791	.5244	.5845	.7952	1.4371
RP25/A	.1757	.2688	.3269	.3637	.4019	.4307	.4885	.5410	.5839	.6394	.7030	.9454	1.6379
RP50/A	.1982	.3071	.3789	.4198	.4660	.4979	.5597	.6194	.6595	.7223	.7879	1.0523	1.7762
RP100/A	.2201	.3448	.4281	.4754	.5256	.5644	.6298	.6965	.7328	.8028	.8700	1.1551	1.9066
RP1000/A	.2903	.4670	.5885	.6575	.7390	.7823	.8568	.9463	.9665	1.0592	1.1296	1.4780	2.3014
RP10000/A	.3581	.5864	.7461	.8371	.9466	.9974	1.0785	1.1903	1.1906	1.3051	1.3768	1.7831	2.6605
PMP/A	.6945	1.0940	1.3675	1.4954	1.6535	1.7853	2.0217	2.2281	2.3952	2.6269	2.8187	3.7183	5.9350

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR 670 7439 25	STATION NAME GLENHROCK NEV	ELEV 62	SEC 6490	T&P 10	QNG LOT 144	HMM 10E	LATITUDE 39.043	LONGITUDE 119.933	COUNTY CODE 52				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.72	2.34	2.67	2.88	3.04	3.33	3.87	4.24	4.91	5.58	6.45	8.92	14.52
5	2.50	3.55	4.17	4.47	4.76	5.23	5.98	6.51	7.33	8.35	9.36	12.63	24.18
10	3.02	4.34	5.23	5.61	6.01	6.59	7.43	8.07	8.92	10.16	11.23	14.98	27.51
25	3.51	5.18	6.25	6.72	7.24	7.92	8.83	9.58	10.45	11.86	12.97	17.15	30.46
40	3.66	5.44	6.57	7.08	7.63	8.34	9.27	10.06	10.87	12.49	13.51	17.81	31.35
60	3.98	5.96	7.25	7.82	8.46	9.22	10.19	11.05	11.83	13.48	13.77	19.19	33.17
150	4.13	6.21	7.57	8.17	8.75	9.52	10.47	11.27	12.07	14.00	15.14	19.93	34.00
1000	4.59	6.94	8.55	9.25	10.05	10.93	11.95	12.95	13.84	15.56	16.72	21.77	36.44
2000	5.04	7.73	9.53	10.33	11.26	12.21	13.27	14.36	14.97	17.08	18.25	23.65	38.87
10000	6.05	9.45	11.76	12.40	14.03	15.15	16.26	17.59	17.99	20.52	21.70	27.85	44.05
PMP	7.47	11.86	14.95	16.30	17.97	19.31	20.47	22.13	22.16	25.29	26.45	33.60	50.93
	14.48	22.13	27.32	29.11	31.39	34.57	38.38	41.42	44.58	50.90	54.16	70.06	113.61
MEAN	1.494	2.451	3.078	3.336	3.561	3.882	4.413	4.822	5.417	6.163	7.015	9.578	19.142
CLOCK HR. COR.	1.140	1.870	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CLOCKED SKEW	1.229	1.417	1.130	.971	1.124	1.010	1.290	1.212	1.001	1.021	1.000	.827	.881
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	4.982	5.482	4.432	3.714	4.285	5.582	4.824	4.540	3.575	3.505	3.444	3.186	3.028
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1967	1956	1956	1956	1967	1956	1956	1956	1956	1956	1956	1956	1952
RECORD MAXIMUM	3.550	5.630	7.000	7.130	7.794	10.000	10.300	11.000	11.450	13.020	14.630	19.070	34.620
NORMALIZED MAX	2.236	2.457	2.659	2.448	2.488	2.961	2.656	2.816	2.391	2.493	2.580	2.413	2.167
CALC. COEF. VAR	.391	.442	.479	.451	.478	.532	.493	.490	.446	.446	.421	.437	.373
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.0990	.1305	.1608	.1743	.1861	.2028	.2306	.2519	.2830	.3219	.3665	.5004	1.0000
RP10/A	.1577	.2209	.2730	.2931	.3138	.3443	.3883	.4218	.4658	.5308	.5886	.7827	1.4371
RP25/A	.1714	.2840	.3434	.3698	.3967	.4356	.4844	.5254	.5688	.6472	.7056	.9307	1.6379
RP50/A	.2158	.3245	.3905	.4249	.4522	.5036	.5550	.6015	.6412	.7312	.7909	1.0359	1.7762
RP100/A	.2397	.3644	.4468	.4834	.5253	.5709	.6245	.6763	.7126	.8127	.8732	1.1371	1.9064
RP1000/A	.3162	.4935	.6142	.6866	.7329	.7913	.8496	.9159	.9397	1.0722	1.1338	1.4544	2.3014
RP10000/A	.3900	.6197	.7786	.8513	.9369	1.0089	1.0895	1.1599	1.1777	1.3212	1.3819	1.7552	2.6605
PMP/A	.7565	1.1561	1.4271	1.5267	1.6401	1.8059	2.0648	2.1637	2.3290	2.6593	2.8292	3.6602	5.9350

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 670 7365 26	STATION NAME HENO NEV	ELEV 121	SEC 4397	T&P 10	QNG LOT 144	HMM 10E	LATITUDE 39.500	LONGITUDE 114.783	COUNTY CODE 62				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.01	1.22	1.28	1.30	1.40	1.49	1.69	1.77	1.94	2.15	2.51	3.42	7.48
5	1.47	1.86	2.00	2.02	2.19	2.34	2.61	2.71	2.89	3.22	3.65	4.84	9.76
10	1.78	2.24	2.51	2.54	2.77	2.94	3.25	3.37	3.52	3.92	4.38	5.74	11.11
20	2.07	2.71	3.00	3.05	3.34	3.53	3.86	4.00	4.10	4.58	5.05	6.57	12.30
25	2.16	2.85	3.16	3.21	3.52	3.72	4.05	4.20	4.29	4.78	5.26	6.83	12.66
40	2.35	3.12	3.49	3.54	3.90	4.12	4.45	4.61	4.67	5.21	5.37	7.35	13.39
50	2.44	3.25	3.64	3.70	4.08	4.30	4.64	4.80	4.84	5.40	5.90	7.60	13.73
100	2.71	3.65	4.11	4.19	4.64	4.88	5.22	5.40	5.38	6.01	6.51	8.34	14.73
200	2.97	4.05	4.58	4.68	5.19	5.45	5.79	5.99	5.91	6.60	7.11	9.06	15.69
1000	3.57	4.95	5.65	5.80	6.47	6.76	7.10	7.34	7.10	7.92	8.46	10.67	17.79
10000	4.40	6.21	7.17	7.38	8.29	8.62	8.94	9.23	8.74	9.76	10.31	12.87	20.56
PMP	8.54	11.59	13.13	13.19	14.49	15.43	16.76	17.28	17.59	19.66	21.10	26.84	45.87
MEAN	1.117	1.388	1.480	1.511	1.643	1.733	1.927	2.012	2.137	2.380	2.733	3.670	7.728
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CLOCKED SKEW	.987	1.365	1.739	1.588	1.641	1.422	1.379	1.500	1.501	1.474	1.286	1.272	.218
REGIONAL SKEW	1.500	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	3.304	5.348	6.744	6.083	6.804	5.758	4.906	5.337	5.228	5.492	5.169	5.738	1.988
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	2.020	3.070	3.760	3.770	4.070	4.200	4.760	5.070	5.250	5.780	5.920	7.830	11.650
NORMALIZED MAX	1.829	2.635	2.991	2.967	3.125	3.215	3.432	3.507	3.582	3.922	4.082	5.082	7.882
CALC. COEF. VAR	.426	.460	.515	.504	.473	.475	.522	.527	.501	.479	.407	.375	.342
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.1445	.1796	.1915	.1956	.2126	.2242	.2494	.2603	.2765	.3079	.3537	.4748	1.0000
RP10/A	.2302	.2969	.3251	.3289	.3586	.3806	.4200	.4359	.4552	.5077	.5662	.7188	1.4371
RP25/A	.2794	.3684	.4150	.4159	.4558	.4787	.5347	.5547	.5747	.6410	.6910	.8832	1.6379
RP50/A	.3152	.4209	.4710	.4791	.5282	.5568	.6004	.6124	.6265	.6993	.7633	.9830	1.7762
RP100/A	.3500	.4726	.5321	.5425	.6003	.6312	.6755	.6990	.6963	.7773	.8426	1.0790	1.9064
RP1000/A	.4617	.6401	.7315	.7502	.8376	.8744	.9190	.9497	.9182	1.0255	1.0942	1.3866	2.3014
RP10000/A	.6036	.8273	.9552	1.0730	1.1756	1.1568	1.1965	1.1965	1.1965	1.3337	1.4656	2.4605	5.9350
PMP/A	1.1047	1.4994	1.6996	1.7063	1.8743	1.9967	2.1685	2.2361	2.2757	2.5433	2.7306	3.4733	5.9350

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 070 7641 0	STATION NAME SAGAMEN CREEK	ELEV 4337	SEC 07	TWP 19N	RNG LOT 16E R	HWM M	LATITUDE 39.432	LONGITUDE 121.240	COUNTY CODE 7				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.77	3.90	4.52	4.91	5.44	5.95	6.93	7.64	8.69	9.49	11.56	16.27	33.42
5	4.07	5.91	7.06	7.63	8.57	9.34	10.69	11.73	13.29	14.80	16.77	23.06	43.63
10	4.86	7.03	8.85	9.58	10.82	11.76	13.30	14.56	16.15	18.01	20.13	27.35	49.65
20	5.66	8.63	10.58	11.48	13.04	14.13	15.80	17.28	18.85	21.02	23.24	31.29	54.97
25	5.90	9.06	11.13	12.08	13.75	14.89	16.59	18.13	19.69	21.96	24.21	32.51	56.58
40	6.52	9.93	12.26	13.35	15.24	16.46	18.24	19.82	21.42	23.90	26.46	35.02	59.86
50	6.66	10.35	12.82	13.95	15.94	17.21	19.01	20.76	22.23	24.81	27.13	36.19	61.36
100	7.39	11.62	14.44	15.79	18.12	19.51	21.39	23.34	24.71	27.58	29.96	39.73	65.86
200	8.12	12.67	16.13	17.63	20.28	21.79	23.74	25.89	27.13	30.28	32.71	43.15	70.15
1000	9.75	15.73	19.91	21.64	25.24	27.04	29.10	31.72	32.58	36.39	39.90	50.83	79.51
10000	12.03	15.73	25.24	27.81	32.38	34.47	36.63	39.90	40.14	44.83	47.41	61.32	91.91
PMP	23.34	36.66	46.26	49.68	56.57	61.71	68.67	74.68	80.76	90.23	97.07	127.85	205.04
MEAN	3.052	4.414	5.212	5.694	6.417	6.930	7.897	8.694	9.812	10.924	12.574	17.481	34.547
CLOCK HR. COR.	1.140	1.970	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.427	1.656	1.728	1.622	1.975	2.128	2.025	1.777	1.216	1.508	1.583	1.668	1.528
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800	1.800
KURTOSIS	5.971	6.320	5.613	5.427	7.562	9.044	7.895	7.023	5.219	5.892	6.195	4.713	2.449
N	21	21	21	21	21	21	21	21	21	21	21	21	22
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966
RECORD MAXIMUM	5.480	9.760	12.180	12.690	17.020	19.420	21.450	22.360	22.760	26.990	29.980	38.080	55.570
NORMALIZED MAX	2.274	2.451	2.586	2.633	3.150	3.700	3.520	3.500	3.200	3.200	3.200	2.746	1.956
CALC. COEF. VAR	.459	.517	.487	.523	.540	.533	.507	.470	.449	.458	.429	.311	.191
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.0984	.1278	.1509	.1648	.1858	.2006	.2286	.2517	.2840	.3162	.3644	.5060	1.0000
RP10/A	.1408	.2112	.2561	.2772	.3133	.3405	.3844	.4214	.4675	.5214	.5826	.7916	1.4371
RP25/A	.1710	.2681	.3222	.3497	.4100	.4403	.5091	.5509	.6067	.6787	.7500	.9912	1.6379
RP50/A	.1927	.2955	.3710	.4037	.4614	.4983	.5503	.6010	.6636	.7181	.7854	1.0476	1.7762
RP100/A	.2140	.3363	.4192	.4571	.5244	.5647	.6191	.6757	.7152	.7982	.8673	1.1499	1.9064
RP1000/A	.2823	.4554	.5763	.6322	.7318	.7827	.8423	.9181	.9432	1.0531	1.1820	1.4713	2.3014
RP10000/A	.3463	.5718	.7305	.8050	.9374	.9970	1.0603	1.1568	1.1619	1.2976	1.3724	1.7751	2.6658
PMP/A	.4755	1.0669	1.3389	1.4379	1.8375	1.7862	1.9876	2.1617	2.3376	2.6118	2.8098	3.7015	5.9350

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 070 8758 0	STATION NAME TAMU CITY	ELEV 133	SEC 6230	TWP 07	RNG LOT 17E H	HWM M	LATITUDE 39.166	LONGITUDE 120.140	COUNTY CODE 31				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.85	3.93	4.52	4.95	5.41	5.80	6.60	7.18	8.50	9.44	11.07	15.83	30.53
5	4.14	5.95	7.06	7.69	8.66	9.11	10.19	11.03	12.70	14.11	16.06	22.42	39.87
10	5.01	7.36	8.85	9.66	10.88	11.47	12.67	13.69	15.45	17.18	19.27	26.59	45.36
20	5.82	8.70	10.59	11.57	12.67	13.78	15.06	16.24	18.02	20.05	22.25	30.43	50.22
25	6.08	9.13	11.14	12.19	13.57	14.52	15.81	17.05	18.62	20.95	23.18	31.62	51.70
40	6.61	10.01	12.28	13.46	15.04	16.06	17.38	18.73	20.49	22.80	25.63	34.06	54.69
50	6.85	10.43	12.82	14.07	15.74	16.78	18.12	19.52	21.26	23.67	25.98	35.20	56.06
100	7.61	11.71	14.49	15.93	17.89	19.03	20.38	21.95	23.63	26.30	28.68	38.63	60.17
200	8.35	12.97	16.14	17.76	20.02	21.25	22.62	24.34	25.94	28.68	31.32	41.97	64.09
1000	10.04	15.86	19.42	22.03	24.96	26.37	27.73	29.82	31.16	34.70	37.24	49.43	72.64
10000	12.38	19.91	25.25	28.05	31.97	33.63	34.91	37.51	38.38	42.76	45.39	59.64	87.98
PMP	24.02	37.15	46.28	50.10	59.85	60.19	65.44	70.21	77.22	86.07	92.93	124.36	187.33
MEAN	3.142	4.449	5.214	5.742	6.335	6.759	7.526	8.174	9.383	10.420	12.038	17.001	31.564
CLOCK HR. COR.	1.140	1.970	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.594	1.206	1.362	1.340	1.214	1.269	1.331	1.420	1.304	1.683	1.537	1.006	.798
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.300	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.300	1.200	1.200	1.100	1.000	.600
KURTOSIS	5.951	3.989	4.517	4.580	4.473	4.822	5.394	5.840	5.768	7.265	6.421	4.211	3.217
N	54	54	54	54	54	54	54	54	54	54	54	54	54
RECORD YEAR	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965	1965
RECORD MAXIMUM	7.500	10.243	13.240	15.790	17.230	18.060	20.380	22.270	25.990	31.110	32.420	37.630	56.640
NORMALIZED MAX	2.831	2.538	2.807	3.161	3.244	3.203	3.493	3.556	3.705	3.977	3.708	2.917	2.567
CALC. COEF. VAR	.490	.513	.548	.554	.530	.522	.498	.485	.478	.499	.457	.416	.310
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.0995	.1410	.1652	.1819	.2067	.2141	.2384	.2591	.2973	.3301	.3814	.5386	1.0000
RP10/A	.1506	.2331	.2805	.3059	.3385	.3635	.4015	.4337	.4893	.5443	.6105	.8426	1.4371
RP25/A	.1925	.2892	.3528	.3860	.4301	.4600	.5009	.5402	.5964	.6637	.7344	1.0018	1.6379
RP50/A	.2171	.3305	.4063	.4456	.4985	.5318	.5740	.6184	.6736	.7498	.8230	1.1551	1.7012
RP100/A	.2411	.3710	.4591	.5046	.5687	.6028	.6458	.6854	.7485	.8334	.9088	1.2420	1.9494
RP1000/A	.3101	.5025	.6107	.6779	.7607	.8356	.8786	.9448	.9872	1.0995	1.1759	1.5561	2.3014
RP10000/A	.3723	.6309	.7999	.8886	1.0129	1.0653	1.1060	1.1984	1.2161	1.3547	1.4392	1.8894	2.6655
PMP/A	.11771	.14662	.15873	.17693	.19069	.20733	.22245	.24466	.27269	.29444	.31940	.39400	5.9350

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWM	LATITUDE	LONGITUDE	COUNTY CODE			
670 9043 0	THUCKEE RS	141	5945	10	17N	16E	P M	34.330	120.169	29			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.49	3.54	4.11	4.52	4.89	5.34	6.13	6.77	8.00	8.93	10.54	14.09	28.98
5	3.81	5.36	6.43	7.03	7.64	8.37	9.47	10.40	11.95	13.35	15.29	21.09	37.84
10	4.37	6.63	8.06	8.93	9.65	10.55	11.78	12.90	14.54	16.25	18.35	25.02	43.05
20	5.08	7.84	9.63	10.58	11.63	12.67	13.99	15.31	16.96	18.67	21.19	28.63	47.67
25	5.30	8.22	10.13	11.14	12.27	13.35	14.69	16.07	17.72	19.82	22.07	29.75	49.06
40	5.76	9.02	11.18	12.31	13.59	14.76	16.15	17.65	19.28	21.37	22.50	32.04	51.90
50	5.98	9.40	11.67	12.86	14.22	15.43	16.83	18.40	20.01	22.39	24.74	33.11	53.21
100	6.64	10.55	13.19	14.56	16.16	17.49	18.94	20.69	22.84	24.88	27.31	36.34	57.11
200	7.29	11.63	14.69	16.25	18.09	19.54	21.02	22.94	24.42	27.32	29.68	39.48	60.83
1000	8.76	14.29	18.13	20.14	22.45	24.25	25.77	28.11	29.33	32.83	35.46	46.50	68.94
10000	10.80	17.94	22.98	25.64	29.89	30.91	32.43	35.35	36.12	40.45	43.22	56.10	79.78
PMP	20.95	33.47	42.12	45.80	50.46	55.33	60.80	66.18	72.69	81.42	88.49	116.99	177.79
MEAN	2.74	4.09	4.746	5.250	5.725	6.213	6.992	7.704	8.833	9.858	11.462	15.993	29.956
CLOCK HR. CUR.	1.14	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.254	1.348	1.490	1.235	1.223	1.614	1.557	1.633	1.311	1.424	1.276	1.822	1.546
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	1.000
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	1.000
KURTOSIS	4.542	4.840	5.670	4.638	5.072	7.968	6.410	6.854	4.905	5.297	4.662	3.320	2.643
N	59	59	59	59	59	59	59	59	59	59	59	59	58
RECORD YEAR	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1969
RECORD MAXIMUM	5.210	7.910	11.490	11.760	13.810	17.370	18.270	20.420	20.830	23.860	26.790	34.480	50.180
NORMALIZED MAX	2.450	2.654	3.420	3.104	3.800	4.252	3.018	3.800	3.248	3.238	3.274	2.905	2.098
CALC. COEF. VAR	.368	.367	.416	.400	.404	.422	.422	.425	.419	.439	.408	.398	.322
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.0915	.1338	.1584	.1752	.1911	.2074	.2334	.2572	.2949	.3291	.3826	.5339	1.0000
RP10/A	.1458	.2247	.2890	.2947	.3223	.3521	.3931	.4307	.4854	.5426	.6125	.8352	1.4371
RP25/A	.1769	.2745	.3383	.3719	.4095	.4556	.5094	.5364	.5915	.6616	.7368	.9930	1.6379
RP50/A	.1996	.3137	.3896	.4293	.4747	.5151	.5619	.6142	.6681	.7474	.8257	1.1053	1.7762
RP100/A	.2216	.3522	.4402	.4861	.5395	.5839	.6322	.6906	.7425	.8307	.9118	1.2133	1.9064
RP1000/A	.2924	.4770	.6051	.6723	.7528	.8094	.8601	.9382	.9791	1.0838	1.1838	1.5523	2.3014
RP10000/A	.3686	.5989	.7671	.8560	.9644	1.0319	1.0824	1.1602	1.2062	1.3504	1.4428	1.8728	2.6605
PMP/A	.6395	1.1174	1.4060	1.5290	1.6846	1.8471	2.0296	2.2091	2.4266	2.7181	2.9540	3.9054	5.9350

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWM	LATITUDE	LONGITUDE	COUNTY CODE			
080 1485 0	CARSON CITY	4675	17	15N	20E	M		39.167	119.767	62			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.58	2.17	2.40	2.48	2.53	2.67	3.01	3.20	3.56	4.05	4.53	6.07	11.49
5	2.30	3.30	3.76	3.85	3.95	4.19	4.65	4.92	5.31	6.05	6.72	8.60	15.80
10	2.78	4.07	4.71	4.83	4.99	5.27	5.78	6.10	6.46	7.37	8.06	10.20	17.07
20	3.23	4.82	5.63	5.79	6.02	6.33	6.86	7.24	7.54	8.60	9.31	11.68	18.90
25	3.38	5.05	5.93	6.10	6.34	6.67	7.21	7.60	7.87	8.98	9.70	12.13	19.46
40	3.67	5.54	6.54	6.74	7.03	7.38	7.92	8.35	8.57	9.77	9.89	13.07	20.58
50	3.81	5.77	6.83	7.04	7.35	7.71	8.26	8.70	8.89	10.15	10.87	13.50	21.10
100	4.23	6.48	7.71	7.97	8.36	8.74	9.29	9.79	9.88	11.28	12.00	14.82	22.65
200	4.64	7.18	8.59	8.89	9.36	9.77	10.31	10.85	10.85	12.38	13.10	16.10	24.12
1000	5.58	8.78	10.60	11.02	11.66	12.12	12.64	13.30	13.03	14.88	15.58	18.97	27.34
10000	6.88	11.02	13.44	14.03	14.94	15.45	15.92	16.72	16.05	18.33	18.99	22.88	31.61
PMP	13.35	20.56	24.63	25.07	26.10	27.66	29.83	31.31	32.30	36.90	38.87	47.72	70.51
MEAN	1.746	2.462	2.775	2.873	2.961	3.106	3.431	3.644	3.925	4.467	5.036	6.523	11.880
CLOCK HR. CUR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.830	1.205	1.507	1.374	1.365	1.437	1.197	1.067	.901	.814	.764	.840	.332
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	1.000
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	1.000
KURTOSIS	2.778	3.619	4.676	4.246	4.229	4.661	3.912	3.383	3.000	2.752	2.683	3.232	1.908
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1951	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1949
RECORD MAXIMUM	3.120	5.540	7.630	7.820	8.070	8.850	9.290	9.540	9.590	10.560	10.930	14.080	21.380
NORMALIZED MAX	1.435	1.400	2.328	2.367	2.413	2.596	2.530	2.424	2.265	2.144	2.056	2.270	1.771
CALC. COEF. VAR	.549	.658	.751	.734	.715	.712	.673	.671	.637	.636	.569	.510	.451
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.1470	.2072	.2336	.2418	.2492	.2614	.2888	.3068	.3303	.3760	.4239	.5491	1.0000
RP10/A	.2341	.3426	.3966	.4067	.4203	.4438	.4863	.5137	.5438	.6200	.6785	.8589	1.4371
RP25/A	.2842	.4252	.4989	.5132	.5340	.5616	.6067	.6399	.6627	.7559	.8161	1.0213	1.6379
RP50/A	.3206	.4858	.5745	.5924	.6191	.6492	.6952	.7326	.7485	.8540	.9147	1.1367	1.7762
RP100/A	.3560	.5454	.6491	.6708	.7036	.7368	.7822	.8237	.8318	.9492	1.0100	1.2478	1.9064
RP1000/A	.4696	.7387	.8923	.9277	.9818	1.0201	1.0642	1.1192	1.0970	1.2523	1.3113	1.5965	2.3014
RP10000/A	.5792	.9275	1.1311	1.1612	1.2577	1.3006	1.3396	1.4078	1.3514	1.5430	1.5983	1.9261	2.6605
PMP/A	1.1235	1.7305	2.0733	2.1099	2.1969	2.3280	2.5112	2.6352	2.7187	3.1058	3.2722	4.0165	5.9350

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR 080 5356 0	STATION NAME MARKLEEVILLE	ELEV 5546	SEC 21	TWP 10N	RNG LOT 20E 0	RHW M	LATITUDE 39.690	LONGITUDE 119.783	COUNTY CODE 02				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.33	3.05	3.53	3.53	3.67	3.98	4.42	4.79	5.34	6.23	7.33	10.14	20.00
5	3.39	4.64	5.36	5.49	5.74	6.24	6.82	7.36	7.98	9.31	10.64	14.37	26.11
10	4.10	5.73	6.72	6.89	7.24	7.86	8.48	9.13	9.71	11.34	12.76	17.04	29.71
20	4.77	6.78	8.04	8.26	8.73	9.44	10.08	10.84	11.33	13.23	14.74	19.50	32.90
25	4.98	7.11	8.45	8.70	9.20	9.54	10.50	11.37	11.83	13.82	15.35	20.26	33.87
40	5.41	7.80	9.32	9.61	10.20	11.00	11.64	12.50	12.88	15.04	16.65	21.83	35.82
50	5.61	8.12	9.73	10.04	10.67	11.50	12.13	13.02	13.37	15.62	17.21	22.56	36.72
100	6.23	9.12	11.00	11.37	12.13	13.03	13.65	14.64	14.85	17.36	19.00	24.76	39.42
200	6.84	10.11	12.25	12.69	13.50	14.56	15.14	16.24	16.31	19.06	20.74	26.90	41.98
1000	8.22	12.35	15.12	15.72	16.92	18.06	18.57	19.89	19.54	22.90	24.67	31.68	57.51
10000	10.14	15.51	19.16	20.02	21.68	23.03	23.37	25.03	24.13	28.22	30.05	38.22	55.01
PMP	19.68	28.94	35.13	35.76	37.86	41.72	43.81	46.84	48.55	56.79	61.55	79.70	122.71
MEAN	2.574	3.466	3.958	4.098	4.295	4.629	5.039	5.453	5.894	6.876	7.973	10.895	20.676
CLOCK NR. COR.	1.140	1.670	1.840	1.820	1.910	1.910	1.900	1.900	1.900	1.800	1.900	1.900	1.900
CALCULATED SKEW	1.620	1.643	1.940	1.760	1.800	1.978	1.978	1.978	1.978	1.637	1.749	1.711	.624
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.500
KURTOSIS	4.815	6.357	6.624	5.711	6.117	8.073	7.962	7.560	7.676	5.733	6.000	6.472	2.415
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	5.000	9.200	11.800	11.900	13.400	14.100	16.000	17.300	18.100	19.510	21.200	26.700	35.700
NORMALIZED MAX	1.938	2.453	2.782	2.658	2.905	3.276	3.273	3.228	3.241	2.930	2.946	3.033	2.016
CALC. COEF. VAR	.486	.624	.712	.706	.730	.762	.743	.713	.671	.627	.563	.479	.353
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329

MEAN/A	1.245	1.676	1.914	1.982	2.078	2.239	2.437	2.638	2.853	3.326	3.856	5.270	1.0000
RP100/A	1.963	2.771	3.208	3.383	3.610	3.934	4.283	4.649	4.943	5.679	6.473	8.243	1.4371
RP25/A	2.407	3.439	4.088	4.206	4.452	4.810	5.120	5.501	5.724	6.686	7.625	9.801	1.6379
RP50/A	2.715	3.929	4.708	4.856	5.161	5.560	5.866	6.299	6.664	7.553	8.322	1.0709	1.7162
RP100/A	3.015	4.412	5.319	5.498	5.865	6.303	6.600	7.082	7.184	8.395	9.188	1.1975	1.9064
RP1000/A	3.877	5.075	7.312	7.764	8.437	9.880	9.922	9.974	1.075	1.1930	1.5322	2.3014	
RP10000/A	4.966	7.502	9.265	9.682	10.884	11.130	12.104	1.1671	1.3647	1.4541	1.8485	2.6605	
PMP/A	9.516	13.997	16.999	17.795	18.313	19.938	21.189	22.657	23.479	27.469	29.769	38.547	5.9350

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR 080 5678 26	STATION NAME MINDEN NEVADA	ELEV 4700	SEC 32	TWP 13N	RNG LOT 20E	RHW M	LATITUDE 38.950	LONGITUDE 119.747	COUNTY CODE 02				
MAXIMUM PRECIPITATION FOR INDICATED DURATION U=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.25	1.56	1.71	1.74	1.79	1.88	2.13	2.26	2.44	2.68	3.17	4.17	8.31
5	1.82	2.37	2.67	2.71	2.80	2.94	3.30	3.46	3.65	4.01	4.60	5.91	10.85
10	2.70	2.92	3.35	3.40	3.53	3.71	4.10	4.30	4.44	4.88	5.52	7.01	12.35
20	2.56	3.46	4.01	4.08	4.26	4.45	4.87	5.10	5.18	5.70	6.37	8.02	13.67
25	2.67	3.63	4.22	4.29	4.49	4.69	5.11	5.36	5.41	5.95	6.64	8.33	14.07
40	2.91	3.98	4.65	4.74	4.97	5.19	5.62	5.88	5.89	6.48	6.77	8.98	14.89
50	3.02	4.15	4.86	4.95	5.20	5.42	5.86	6.13	6.11	6.72	7.44	9.28	15.26
100	3.35	4.65	5.49	5.61	5.91	6.15	6.59	6.89	6.79	7.47	8.21	10.18	16.38
200	3.68	5.16	6.11	6.26	6.62	6.87	7.32	7.65	7.46	8.20	8.97	11.06	17.44
1000	4.42	6.30	7.54	7.76	8.25	8.52	8.97	9.37	8.96	9.86	10.66	13.03	19.77
10000	5.45	7.91	9.56	9.88	10.57	10.87	11.29	11.78	11.03	12.15	13.00	15.72	22.86
PMP	10.57	14.77	17.52	17.65	18.47	19.45	21.17	22.05	22.20	24.45	26.61	32.77	50.99
MEAN	1.383	1.768	1.974	2.023	2.095	2.184	2.434	2.567	2.697	2.960	3.447	4.480	8.591
CLOCK NR. COR.	1.140	1.670	1.840	1.820	1.910	1.910	1.900	1.900	1.900	1.800	1.900	1.900	1.900
CALCULATED SKEW	1.620	1.643	1.940	1.760	1.800	1.978	1.978	1.978	1.978	1.637	1.749	1.711	.624
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	5.109	7.266	7.486	7.244	7.453	7.894	6.458	6.546	6.487	4.905	4.358	3.980	2.122
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1963	1956	1954	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	3.030	4.580	5.840	5.980	6.330	6.580	7.070	7.260	7.340	7.550	7.940	9.500	13.280
NORMALIZED MAX	2.082	2.626	3.017	3.042	3.202	3.273	3.158	3.175	3.175	2.818	2.660	2.539	1.633
CALC. COEF. VAR	.572	.605	.649	.633	.631	.615	.603	.575	.542	.550	.490	.441	.334
REGN. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	1.610	2.058	2.298	2.354	2.439	2.542	2.834	2.988	3.139	3.445	4.012	5.215	1.0000
RP10/A	2.564	3.403	3.901	3.959	4.113	4.316	4.772	5.004	5.167	5.680	6.422	8.158	1.4371
RP25/A	3.113	4.222	4.907	4.996	5.225	5.462	5.953	6.233	6.298	6.925	7.725	9.700	1.6379
RP50/A	3.511	4.825	5.651	5.767	6.058	6.314	6.821	7.136	7.113	7.824	8.658	1.0796	1.7762
RP100/A	3.999	5.517	6.685	6.831	7.205	7.477	7.674	8.024	7.905	8.696	9.560	1.1951	1.9064
RP1000/A	5.143	7.336	8.777	9.032	9.607	9.921	10.441	10.902	10.425	11.713	12.412	1.5163	2.3014
RP10000/A	6.344	9.212	11.127	11.500	12.366	12.648	13.143	13.713	12.842	14.139	15.129	1.8294	2.6605
PMP/A	12.036	17.186	20.0394	20.542	21.496	22.640	24.637	25.670	25.935	29.845	30.974	38.148	5.9350

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
85N ORDER SUB 080 9775 0	WOODFORDS	5671	35	11N	19E	E	M	38.776	119.824
									02

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.41	3.15	3.40	3.62	3.89	4.11	4.59	4.93	5.60	6.22	7.30	10.31	19.96
5	3.51	4.78	5.32	5.62	6.09	6.44	7.09	7.57	8.36	9.31	10.59	14.61	26.06
10	4.24	5.91	6.66	7.05	7.70	8.12	8.81	9.40	10.17	11.33	12.70	17.33	29.65
20	4.93	6.99	7.97	8.46	9.27	9.75	10.47	11.15	11.87	13.23	14.67	19.83	32.83
25	5.14	7.33	8.38	8.90	9.78	10.27	11.00	11.70	12.40	13.82	15.28	20.60	33.79
40	5.59	8.04	9.25	9.84	10.84	11.36	12.09	12.86	13.49	15.04	15.58	22.19	35.75
50	5.80	8.38	9.65	10.28	11.34	11.88	12.60	13.41	14.00	15.61	17.13	22.93	36.65
100	6.44	9.41	10.91	11.64	12.86	13.46	14.18	15.00	15.55	17.35	18.91	25.17	39.33
200	7.07	10.42	12.15	12.99	14.42	15.04	15.73	16.71	17.09	19.05	20.65	27.35	41.89
1000	8.50	12.74	14.99	16.09	17.98	18.66	19.29	20.47	20.53	22.89	24.55	32.21	47.48
10000	10.49	16.00	19.01	20.49	23.03	23.79	24.26	25.75	25.28	28.21	29.93	38.66	54.89
PMP	26.34	29.84	34.83	36.40	40.23	42.59	45.51	48.13	50.87	56.78	61.27	81.03	122.45
MEAN	2.080	3.574	3.925	4.195	4.564	4.782	5.235	5.611	6.181	6.874	7.937	11.077	20.632
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.055	1.598	1.586	1.223	1.420	1.478	1.465	1.378	1.082	1.161	1.200	.904	.107
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	7.469	6.529	5.895	4.510	5.649	6.045	6.006	5.608	4.688	4.416	4.524	4.027	2.263
N	37	37	37	37	37	37	37	37	37	37	37	37	37
RECORD YEAR	1950	1950	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.190	9.300	10.350	10.360	13.050	14.100	15.530	15.870	16.100	16.950	19.050	24.320	32.510
NORMALIZED MAX	2.707	3.195	3.014	2.615	3.363	3.400	3.511	3.414	3.201	2.915	2.948	2.849	1.817
CALC. COEF. VAR	.490	.501	.543	.522	.553	.560	.580	.536	.501	.503	.475	.422	.317
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.1289	.1732	.1902	.2033	.2212	.2318	.2537	.2719	.2996	.3331	.3847	.5369	1.0000
RP10/A	.2054	.2804	.3230	.3419	.3730	.3935	.4272	.4554	.4931	.5493	.6158	.8398	1.4371
RP25/A	.2494	.3554	.4063	.4315	.4740	.4979	.5330	.5672	.6010	.6668	.7407	.9986	1.6379
RP50/A	.2812	.4081	.4670	.4941	.5495	.5756	.6107	.6458	.6788	.7566	.8301	1.1114	1.7762
RP100/A	.3123	.4559	.5266	.5640	.6245	.6526	.6872	.7301	.7543	.8410	.9166	1.2200	1.9084
RP1000/A	.4120	.6175	.7267	.7800	.8714	.9045	.9349	.9920	.9948	1.1095	1.1901	1.5810	2.3014
RP10000/A	.5082	.7753	.9211	.9931	1.1162	1.1532	1.1769	1.2478	1.2255	1.3671	1.4505	1.8833	2.6605
PMP/A	.9657	1.4465	1.6884	1.7740	1.9499	2.0642	2.2060	2.3358	2.4655	2.7518	2.9697	3.9272	5.9350

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
85N ORDER SUB 090 1075 0	BRIDGEPORT DAM	13	6420	34	06N	25E	M	38.317	119.217
									26

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS M-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.48	1.80	1.94	2.00	2.08	2.23	2.43	2.60	2.93	3.15	3.67	4.93	9.96
5	2.14	2.73	3.03	3.11	3.26	3.50	3.75	3.99	4.37	4.72	5.33	6.99	13.00
10	2.59	3.37	3.80	3.91	4.12	4.41	4.67	4.95	5.31	5.74	6.39	8.28	14.79
20	3.01	3.98	4.55	4.69	4.96	5.30	5.54	5.87	6.20	6.70	7.38	9.48	16.38
25	3.15	4.18	4.78	4.93	5.23	5.58	5.82	6.16	6.48	7.00	7.69	9.85	16.86
40	3.42	4.58	5.28	5.45	5.80	6.17	6.40	6.77	7.05	7.62	8.44	10.61	17.84
50	3.55	4.77	5.51	5.70	6.07	6.45	6.67	7.06	7.32	7.91	8.62	10.96	18.28
100	3.94	5.36	6.22	6.45	6.89	7.31	7.50	7.93	8.13	8.79	9.51	12.04	19.62
200	4.33	5.94	6.93	7.20	7.72	8.16	8.33	8.80	8.93	9.65	10.39	13.08	20.90
1000	5.20	7.26	8.55	8.92	9.62	10.13	10.21	10.78	10.72	11.60	12.35	15.40	23.69
10000	6.41	9.11	10.84	11.36	12.32	12.92	12.85	13.56	13.26	14.29	15.05	18.58	27.39
PMP	12.44	17.01	19.88	20.29	21.53	23.12	24.09	25.38	26.57	28.76	30.82	36.74	61.10
MEAN	1.627	2.037	2.239	2.325	2.442	2.596	2.770	2.954	3.229	3.482	3.992	5.296	10.294
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.859	1.754	1.779	1.541	1.327	1.259	1.303	1.229	1.157	1.006	.938	1.074	.805
REGIONAL SKEW	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
SKEW USED	1.300	1.500	1.600	1.700	1.800	1.700	1.500	1.500	1.200	1.200	1.100	1.000	.600
KURTOSIS	3.002	6.540	6.463	5.694	4.975	4.784	4.766	4.601	4.479	3.990	4.295	5.050	3.476
N	42	42	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1969	1969	1969
RECORD MAXIMUM	3.040	6.050	7.050	7.050	7.050	7.050	7.340	7.630	7.960	8.190	9.300	13.740	20.480
NORMALIZED MAX	1.799	3.163	3.223	3.200	3.085	2.854	2.732	2.720	2.768	2.821	2.767	3.463	2.670
CALC. COEF. VAR	.403	.623	.608	.634	.617	.601	.604	.582	.559	.516	.465	.468	.371
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.329
MEAN/A	.1580	.1978	.2175	.2259	.2373	.2522	.2691	.2870	.3137	.3302	.3878	.5145	1.0000
RP10/A	.2518	.3271	.3693	.3799	.4001	.4282	.4532	.4806	.5163	.5577	.6208	.8048	1.4371
RP25/A	.3056	.4059	.4616	.4793	.5084	.5418	.5684	.5986	.6323	.6800	.7468	.9569	1.6379
RP50/A	.3447	.4638	.5350	.5533	.5893	.6264	.6478	.6854	.7107	.7682	.8369	1.0551	1.7762
RP100/A	.3828	.5207	.6045	.6265	.6698	.7101	.7289	.7706	.7898	.8538	.9241	1.1692	1.9064
RP1000/A	.5049	.7052	.8310	.8665	.9346	.9842	.9916	1.0470	1.0416	1.1265	1.1998	1.4959	2.3014
RP10000/A	.6228	.8854	1.061	1.1033	1.1972	1.2461	1.2461	1.3170	1.2831	1.3880	1.4824	1.8168	2.6605
PMP/A	1.2081	1.6520	1.9308	1.9707	2.0914	2.2481	2.3399	2.4652	2.5814	2.7939	2.9941	3.7835	5.9350

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO	LOT	BM	LATITUDE	LONGITUDE	COUNTY			
709 360 1	ATASCADERO SLO 145	478	940	23	285	12E	M	35+47S	120+65S	40			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.77	3.16	3.52	3.81	3.99	4.07	4.65	5.02	5.69	6.24	7.26	10.34	17.57
5	3.93	4.65	5.25	5.68	5.95	6.19	7.12	7.63	8.60	9.42	10.88	15.49	24.71
10	4.70	5.69	6.43	6.93	7.24	7.61	8.82	9.43	10.57	11.59	13.34	19.05	29.38
20	5.43	6.67	7.56	8.11	8.44	8.75	10.44	11.16	12.45	13.65	15.69	22.48	33.76
25	5.65	6.98	7.91	8.48	8.82	9.37	10.98	11.71	13.04	14.30	16.42	23.56	35.12
40	6.13	7.63	8.64	9.28	9.59	10.23	12.06	12.80	14.27	15.65	17.95	25.81	37.94
100	6.35	7.94	8.99	9.61	9.94	10.64	12.56	13.35	14.85	16.28	18.67	26.87	39.26
1000	7.02	8.86	10.05	10.71	11.06	11.80	14.12	15.03	16.62	18.22	20.87	30.12	43.26
200	7.68	9.81	11.08	11.78	12.14	13.10	15.65	16.65	18.36	20.13	23.04	33.33	47.21
1000	9.19	11.93	13.45	14.22	14.58	15.87	19.16	20.36	22.32	24.47	27.97	40.67	56.09
10000	11.26	14.90	16.76	17.62	17.96	19.72	24.09	25.57	27.85	30.54	34.87	50.97	68.37
PMP	21.66	27.57	31.94	34.46	36.11	38.81	45.05	47.72	53.27	58.41	66.52	94.79	134.38
MEAN	3.036	3.544	3.938	4.234	4.404	4.558	5.290	5.695	6.391	7.008	6.142	11.666	19.074
CLOCK HR. COR.	1.140	1.310	1.470	1.620	1.750	1.850	1.980	1.980	1.980	1.980	1.980	1.980	1.980
CALCULATED SKEW	1.558	1.910	1.810	1.610	1.510	1.510	1.900	1.900	1.900	1.900	1.900	1.900	1.900
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.300	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.300	1.200
KURTOSIS	6.170	5.201	3.141	2.879	3.297	3.251	5.694	6.438	4.985	5.648	5.041	6.986	4.186
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1969	1969	1969	1967	1967	1967	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.640	7.900	8.090	8.390	9.820	9.910	14.950	16.210	16.390	18.750	19.730	30.620	39.270
NORMALIZED MAX	2.403	2.488	2.084	1.937	2.325	2.385	2.983	3.106	2.858	2.976	2.772	3.162	2.435
CALC. COEF. VAR	.494	.494	.506	.507	.529	.511	.612	.599	.545	.563	.514	.519	.435
REGD. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.1501	1.1858	1.2065	1.2220	1.2309	1.2385	1.2774	1.2985	1.3351	1.3674	1.4269	1.6114	1.0000
RP10/A	1.2463	1.2977	1.3373	1.3625	1.3794	1.3989	1.4626	1.4944	1.5541	1.6075	1.6996	1.9998	1.5402
RP25/A	1.2964	1.3660	1.4147	1.4447	1.4622	1.4910	1.5756	1.6138	1.6637	1.7456	1.8610	1.2350	1.8413
RP50/A	1.3327	1.4161	1.4713	1.5037	1.5219	1.5579	1.6586	1.7015	1.7784	1.8535	1.9789	1.4086	2.0584
RP100/A	1.3681	1.4654	1.5266	1.5612	1.5799	1.6231	1.7401	1.7877	1.8711	1.9551	1.0943	1.3791	2.2692
RP1000/A	1.4917	1.6253	1.7051	1.7456	1.7644	1.8320	1.0046	1.0673	1.1699	1.2828	1.4664	2.1320	2.9404
RP10000/A	1.5913	1.7814	1.8785	1.9235	1.9415	1.0337	1.2630	1.3404	1.4602	1.6010	1.8279	2.6722	3.5842
PMP/A	1.1355	1.4454	1.6745	1.8069	1.8931	2.0348	2.3617	2.5018	2.7929	3.0622	3.4874	4.9693	7.0458

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 709 1743 0	STATION NAME CHOLAME HATCH RANCH	ELEV 1975	SEC 12	TWP 26S	RNO 16E	LOT M	LATITUDE 35+68S	LONGITUDE 120+20W	COUNTY 40				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	1.37	1.68	1.79	1.92	1.99	2.11	2.31	2.47	2.91	3.14	3.68	5.07	9.00
5	1.94	2.46	2.66	2.84	2.97	3.14	3.54	3.75	4.39	4.75	5.52	7.60	12.66
10	2.33	3.03	3.28	3.49	3.61	3.95	4.38	4.64	5.40	5.64	6.77	9.35	15.05
20	2.68	3.56	3.85	4.08	4.21	4.64	5.20	5.49	6.36	6.87	7.95	11.02	17.30
25	2.80	3.72	4.03	4.27	4.39	4.86	5.45	5.76	6.66	7.20	8.33	11.55	18.00
40	3.03	4.07	4.40	4.65	4.76	5.31	5.90	6.32	7.29	7.88	9.10	12.66	19.44
50	3.14	4.23	4.58	4.83	4.96	5.52	6.24	6.58	7.59	8.20	9.47	13.18	20.12
100	3.48	4.73	5.11	5.39	5.51	6.17	7.01	7.39	8.49	9.17	10.58	14.77	22.18
200	4.00	5.23	5.64	5.93	6.05	6.80	7.78	8.19	9.30	10.13	11.68	16.35	25.13
1000	4.55	6.36	6.95	7.15	7.27	8.24	9.52	10.03	11.40	12.32	14.18	19.95	28.74
10000	5.58	7.95	8.53	8.86	8.95	10.23	11.97	12.57	14.23	15.36	17.68	25.00	35.03
PMP	10.72	14.70	16.26	17.34	17.99	20.14	22.38	23.47	27.22	29.41	33.73	46.49	68.85
MEAN	1.502	1.889	2.005	2.130	2.194	2.361	2.829	2.800	3.265	3.529	4.129	5.722	9.773
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.729	1.337	1.496	1.375	1.330	1.108	1.378	1.496	1.500	1.463	1.531	1.873	1.463
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.300	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.300	1.200
KURTOSIS	3.056	4.588	4.833	4.437	4.166	3.283	4.747	5.332	5.571	5.023	5.089	7.166	4.683
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1969	1967	1969	1969	1967	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.390	3.768	4.300	4.600	4.670	5.000	6.850	7.433	8.530	8.740	9.790	15.130	20.740
NORMALIZED MAX	1.522	2.104	2.365	2.250	2.168	2.036	2.951	2.987	2.800	2.800	2.800	3.500	2.824
CALC. COEF. VAR	.368	.456	.488	.469	.512	.533	.567	.560	.542	.522	.527	.517	.444
REGD. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.1537	1.1933	1.2052	1.2179	1.2245	1.2416	1.2690	1.2865	1.3341	1.3610	1.4224	1.5854	1.0000
RP10/A	1.2379	1.3098	1.3352	1.3569	1.3690	1.4048	1.4486	1.4745	1.5525	1.5970	1.6923	1.9562	1.5402
RP25/A	1.2643	1.3466	1.4122	1.4469	1.4593	1.5091	1.5881	1.6317	1.7367	1.7821	1.9823	1.1822	1.8413
RP50/A	1.3143	1.4330	1.4883	1.5146	1.5276	1.5850	1.6936	1.7333	1.7761	1.8387	1.9688	1.3483	2.0584
RP100/A	1.3556	1.4843	1.5234	1.5510	1.5639	1.6310	1.7177	1.7560	1.8685	1.9366	1.0830	1.5115	2.2692
RP1000/A	1.4653	1.6506	1.7007	1.7320	1.7434	1.8426	1.9742	1.0243	1.1665	1.2606	1.4513	2.0808	2.9404
RP10000/A	1.5712	1.8136	1.8730	1.9067	1.9169	1.0629	1.2459	1.3784	1.5559	1.7573	1.8090	2.5578	3.5842
PMP/A	1.0968	1.5039	1.6641	1.7740	1.8411	2.0606	2.2902	2.4012	2.7846	3.0093	3.4513	4.7567	7.0458

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE
709 4963 0	LINN RANCH SLO 45	470	870	07	265	12E	F M	35.685	120.724	40

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.89	2.40	2.87	3.03	3.21	3.31	3.53	3.95	4.49	4.86	5.75
5	2.68	3.54	4.29	4.52	4.70	5.04	5.40	6.00	6.79	7.35	8.62
10	3.21	4.32	5.25	5.51	5.83	6.20	6.69	7.42	8.34	9.04	10.56
20	3.70	5.07	6.17	6.45	6.79	7.29	7.94	8.78	9.83	10.65	12.42
25	3.86	5.31	6.46	6.75	7.10	7.63	8.33	9.21	10.30	11.15	13.00
40	4.18	5.81	7.06	7.36	7.72	8.33	9.15	10.11	11.27	12.21	14.21
50	4.33	6.04	7.34	7.64	8.01	8.63	9.45	10.41	11.57	12.51	14.51
100	4.79	6.76	8.20	8.52	8.90	9.68	10.71	11.83	13.12	14.21	16.52
200	5.25	7.46	9.05	9.37	9.77	10.67	11.87	13.10	14.49	15.70	18.24
1000	6.27	9.08	10.99	11.31	11.74	12.92	14.54	16.02	17.62	19.09	22.14
10000	7.70	11.34	13.69	14.01	14.46	16.06	18.26	20.12	21.99	23.82	27.60
PMP	14.79	20.98	26.09	27.42	29.07	31.81	34.17	37.58	42.68	45.56	52.68
MEAN	2.873	2.697	3.217	3.368	3.545	3.706	4.013	4.482	5.046	5.467	6.445
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.675	1.355	.876	1.113	1.043	1.012	1.639	1.444	1.281	1.160	1.303
REGIONAL SKEW	1.300	1.300	1.400	1.300	1.200	1.300	1.500	1.300	1.400	1.400	1.300
SKEW USED	1.300	1.300	1.400	1.300	1.200	1.300	1.500	1.300	1.400	1.400	1.300
KURTOSIS	6.315	4.601	3.073	3.710	3.690	3.614	6.567	5.946	5.206	4.748	5.295
N	45	28	42	30	20	28	29	29	29	29	45
RECORD YEAR	1967	1967	1943	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.700	6.140	6.760	7.470	7.680	8.010	11.400	12.360	13.770	13.960	15.620
NORMALIZED MAX	2.864	2.718	2.243	2.328	2.260	2.302	3.372	3.289	3.163	3.083	3.108
CALC. COEF. VAR	.443	.470	.491	.523	.516	.505	.546	.534	.543	.504	.458
REGION. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.475
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.475
MEAN/A	1.393	1.812	2.161	2.263	2.302	2.490	2.697	3.011	3.390	3.673	4.330
RP10/A	2.155	2.904	3.531	3.705	3.914	4.163	4.498	4.880	5.607	6.074	7.097
RP20/A	2.594	3.569	4.341	4.534	4.760	5.125	5.596	6.016	6.918	7.494	8.735
RP50/A	2.912	4.050	4.933	5.135	5.384	5.823	6.403	7.075	7.876	8.532	9.931
RP100/A	3.322	4.639	5.513	5.722	5.992	6.503	7.198	7.945	8.814	9.568	11.102
RP1000/A	4.215	6.098	7.381	7.601	7.886	8.683	9.767	1.0765	1.1638	1.2824	1.4877
RP10000/A	5.175	7.621	9.196	9.415	9.712	1.0789	1.2279	1.3519	1.4775	1.6006	1.8544
PMP/A	9.937	14.096	17.929	18.8420	1.9930	2.1259	2.2961	2.5234	3.0613	3.5379	4.7396

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE											
STATION NO. BSN ORDER SUB 709 6730 0	STATION NAME PASO ROBLES	ELEV 700	SEC 33	TWP 26S	RNG LOT 12E	BWN N	LATITUDE 35.633	LONGITUDE 120.663	COUNTY CODE 40		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	1.97	2.51	2.88	3.07	3.26	3.45	3.73	4.10	4.76	5.17	6.06
5	2.78	3.69	4.30	4.58	4.80	5.25	5.71	6.23	7.19	7.81	9.08
10	3.33	4.51	5.27	5.59	5.95	6.45	7.07	7.70	8.84	9.61	11.13
20	3.84	5.30	6.19	6.54	6.94	7.59	8.30	9.11	10.42	11.32	13.08
25	4.01	5.55	6.48	6.84	7.25	7.94	8.60	9.36	10.61	11.66	13.69
40	4.34	6.06	7.08	7.46	7.89	8.68	9.46	10.48	11.94	12.97	14.97
50	4.50	6.30	7.36	7.75	8.19	9.03	10.07	10.92	12.42	13.50	15.57
100	4.98	7.05	8.22	8.63	9.10	10.08	11.31	12.26	13.90	15.11	17.40
200	5.45	7.79	9.07	9.50	9.98	11.11	12.54	13.59	15.36	16.69	19.21
1000	6.51	9.47	11.01	11.47	11.99	13.46	15.35	16.62	18.67	20.29	23.32
PMP	7.99	11.84	13.72	14.21	14.77	16.72	19.30	20.67	23.30	25.32	29.07
	15.35	21.90	26.15	27.79	29.69	32.92	36.10	38.95	44.57	48.43	55.46
MEAN	2.151	2.615	3.224	3.414	3.621	3.859	4.239	4.648	5.348	5.811	6.788
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.001	1.000	1.000	1.000
CALCULATED SKEW	1.363	1.271	1.050	1.005	.918	.746	1.008	1.050	.879	.816	1.010
REGIONAL SKEW	1.300	1.300	1.400	1.300	1.200	1.300	1.500	1.300	1.400	1.400	1.300
SKEW USED	1.300	1.300	1.400	1.300	1.200	1.300	1.500	1.300	1.400	1.400	1.300
KURTOSIS	5.764	4.863	3.581	3.543	3.167	2.919	4.250	4.222	3.518	3.072	3.362
N	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1967	1967	1938	1967	1967	1967	1969	1969	1969	1969	1969
RECORD MAXIMUM	5.250	7.100	7.330	8.080	8.080	8.580	11.460	12.080	13.490	13.930	15.480
NORMALIZED MAX	3.217	3.283	2.632	2.874	2.918	2.866	3.460	3.452	3.297	2.700	2.354
CALC. COEF. VAR	.446	.464	.484	.483	.470	.485	.465	.463	.474	.466	.473
REGION. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478
MEAN/A	1.417	1.853	2.123	2.248	2.364	2.541	2.791	3.060	3.521	3.820	4.470
RP10/A	2.192	2.970	3.568	3.881	4.179	4.494	4.956	5.368	5.922	6.327	7.325
RP20/A	2.591	3.651	4.368	4.648	4.916	5.302	5.782	6.192	6.967	7.405	8.634
RP50/A	2.961	4.151	4.845	5.102	5.390	5.843	6.327	6.719	7.608	8.020	9.378
RP100/A	3.277	4.643	5.414	5.682	5.989	6.537	7.048	7.513	8.598	9.119	10.619
RP1000/A	4.267	6.236	7.249	7.551	7.895	8.882	1.0109	1.0941	1.2253	1.3358	1.5365
RP10000/A	4.779	6.938	8.038	8.373	8.723	9.723	1.1079	1.2009	1.3344	1.4492	1.7140
PMP/A	1.0107	1.4419	1.7216	1.8300	1.9052	2.1075	2.3747	2.5646	2.9347	3.1869	3.8516

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTN=DURATION=FREQUENCY TABLE

STATION NO. 85N ORDER SUB 709 7930 0	STATION NAME SANTA MARGARITA 25W	ELEV 260	SEC 1200	TWP 36	RNG LOT 29S 12E	8MM M	LATITUDE 35.367	LONGITUDE 120.633	COUNTY CODE 40				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.93	4.77	5.52	6.03	6.30	6.59	7.19	7.84	9.07	9.95	11.91	16.79	29.22
5	5.65	7.02	8.25	8.99	9.40	10.03	11.00	11.92	13.70	15.04	17.85	25.16	41.88
10	7.68	9.57	10.10	10.97	11.42	12.32	13.63	14.73	16.85	18.49	21.88	30.95	46.85
20	10.06	12.41	11.86	12.63	13.32	14.49	16.16	17.43	19.85	21.78	25.72	36.50	56.13
25	8.07	10.94	12.41	13.42	13.92	15.16	16.96	18.29	20.79	22.82	26.92	38.26	58.40
40	8.67	11.52	13.56	14.63	15.14	16.37	18.62	20.06	22.75	24.77	28.93	40.62	63.09
50	8.99	11.94	14.11	15.20	15.71	17.23	19.24	20.68	23.47	25.47	29.63	41.34	65.28
100	9.94	13.40	15.76	16.83	17.46	19.24	21.81	23.47	26.49	29.07	34.22	48.92	71.97
200	10.88	14.86	17.39	18.64	19.17	21.22	24.18	26.00	29.26	32.12	37.77	54.13	78.51
1000	13.01	17.60	20.13	21.83	22.47	25.38	28.55	30.58	34.86	38.59	45.16	63.09	91.40
10000	15.97	22.60	25.13	27.87	28.35	31.92	37.21	39.53	44.40	48.84	57.16	82.78	113.60
PMP	30.67	41.61	50.12	54.32	57.00	62.84	69.58	74.34	84.93	93.22	109.05	153.94	223.44
MEAN	4.298	5.348	6.180	6.698	6.951	7.367	8.172	8.895	10.190	11.184	13.348	18.947	31.716
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.868	0.861	0.856	0.855	0.852	0.851	0.849	0.849	0.849	0.849	0.849	0.849	0.849
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	3.500	4.405	2.555	2.810	3.210	3.080	4.526	4.121	3.449	3.626	3.022	3.401	2.686
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	7.220	11.320	11.590	12.250	14.000	14.870	17.960	18.950	20.740	23.120	25.630	38.600	55.530
NORMALIZED MAX	1.982	2.769	2.082	2.307	2.658	2.546	2.969	2.853	2.691	2.837	2.549	2.715	2.101
CALC. COEF. VAR	0.343	0.403	0.420	0.413	0.425	0.400	0.401	0.383	0.383	0.376	0.361	0.382	0.387
REGION. COEF. VAR	0.409	0.452	0.474	0.476	0.480	0.502	0.501	0.492	0.489	0.489	0.478	0.475	0.403
USED COEF. VAR	0.409	0.452	0.474	0.476	0.480	0.502	0.501	0.492	0.489	0.489	0.478	0.475	0.403
MEAN/A	1.1355	1.0866	1.0499	1.0112	1.0192	1.0323	1.0577	1.0804	1.1213	1.1458	1.1844	1.2685	1.4000
RP10/A	2.0977	2.7031	3.1833	3.4588	3.8844	4.0831	4.5313	4.5313	4.6898	4.6898	4.7574	5.1502	5.5402
RP25/A	2.9242	3.3322	3.7144	4.0231	4.3388	4.7611	5.3477	5.7595	6.0556	6.1795	6.4898	7.0043	7.5413
RP50/A	3.6831	3.7777	4.4447	4.7992	4.9953	5.4322	6.0118	6.5917	7.0463	7.0463	7.1798	7.6806	8.1813
RP100/A	3.1335	4.2255	4.9770	5.5339	5.5053	6.0677	6.8776	7.4000	8.3552	9.1677	10.790	1.5424	2.2692
RP1000/A	4.1022	5.0676	6.0544	7.0933	7.2577	8.1011	9.3332	1.0026	1.1217	1.2312	1.4458	2.0825	2.9404
RP10000/A	5.6035	7.0953	8.2591	9.6766	9.8938	1.0885	1.1732	1.2591	1.4001	1.5367	1.8022	2.6101	3.5842
PMP/A	9.0669	1.3120	1.5803	1.7189	1.7972	1.9814	2.1039	2.3502	2.6779	2.9361	3.4384	4.8199	7.0450

PRECIPITATION DEPTN=DURATION=FREQUENCY TABLE

STATION NO. 85N ORDER SUB 709 7931 1	STATION NAME SANTA MARGARITA 8 P	ELEV 261	SEC 995	TWP 20	RNG LOT 29S 13E	8MM M	LATITUDE 35.400	LONGITUDE 120.660	COUNTY CODE 40				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.52	4.47	4.99	5.38	5.68	5.81	6.09	6.84	7.80	8.39	9.89	13.23	22.13
5	4.90	6.58	7.48	8.43	8.84	8.84	9.32	10.39	11.78	12.69	14.89	19.82	31.11
10	5.97	8.04	9.13	9.79	10.30	10.86	11.54	12.84	14.49	15.60	17.73	24.38	36.99
20	6.89	9.43	10.73	11.46	12.02	12.77	13.69	15.20	17.06	18.37	20.84	28.76	42.51
25	7.10	9.88	11.23	11.99	12.55	13.37	14.36	15.94	17.88	19.25	21.82	30.14	44.23
40	7.78	10.80	12.27	13.07	13.66	14.61	15.77	17.49	19.56	21.06	23.88	33.02	47.78
50	8.06	11.23	12.76	13.58	14.18	15.19	16.43	18.22	20.35	21.91	24.81	34.38	49.44
100	8.92	12.56	14.26	15.13	15.78	16.97	18.47	20.46	22.78	24.52	27.73	38.54	54.30
200	9.76	13.87	15.74	16.65	17.29	18.71	20.48	22.67	25.16	27.09	30.61	42.65	59.45
1000	11.67	16.87	19.69	20.69	20.76	22.66	25.07	27.72	30.59	32.94	37.16	52.04	70.63
10000	14.33	21.09	23.79	24.89	25.57	26.15	31.51	34.81	38.18	41.11	46.32	66.22	86.09
PMP	27.51	39.01	45.35	48.69	51.42	55.42	58.93	64.98	73.02	78.63	88.38	121.28	169.21
MEAN	3.856	5.014	5.591	5.982	6.270	6.447	6.921	7.754	8.761	9.433	10.818	14.927	24.019
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.197	1.248	1.245	1.510	1.182	1.067	0.857	0.703	0.490	0.562	0.917	1.784	0.843
REGIONAL SKEW	2.605	1.500	1.400	1.300	1.200	1.300	1.500	1.400	1.400	1.400	1.500	1.200	1.000
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	5.549	4.897	5.303	6.777	5.402	4.647	3.896	3.118	2.537	2.405	3.409	3.026	3.940
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1901	1901	1901	1901	1901	1901	1901	1901	1914	1901	1916	1911	1916
RECORD MAXIMUM	8.430	11.930	14.480	17.660	17.660	17.660	17.660	18.120	18.280	25.000	33.680	53.760	83.600
NORMALIZED MAX	2.675	2.920	2.676	3.780	3.890	3.890	3.890	3.890	4.265	4.190	4.665	5.742	7.964
CALC. COEF. VAR	0.443	0.472	0.484	0.515	0.506	0.509	0.484	0.484	0.472	0.474	0.490	0.457	0.418
REGION. COEF. VAR	0.409	0.452	0.474	0.476	0.480	0.502	0.501	0.492	0.489	0.489	0.478	0.475	0.403
USED COEF. VAR	0.409	0.452	0.474	0.476	0.480	0.502	0.501	0.492	0.489	0.489	0.478	0.475	0.403
MEAN/A	1.605	2.087	2.328	2.491	2.611	2.705	2.881	3.228	3.647	3.927	4.504	6.215	1.0000
RP10/A	2.484	3.365	3.863	4.078	4.270	4.463	4.694	5.344	6.044	6.494	7.581	10.000	15.760
RP25/A	2.989	4.112	4.676	4.990	5.227	5.469	5.979	6.837	7.842	8.614	9.904	1.2550	1.6413
RP50/A	3.356	4.676	5.313	5.652	5.902	6.166	6.642	7.585	8.713	9.123	1.0326	1.4313	2.0884
RP100/A	3.713	5.230	5.937	6.297	6.557	7.085	7.689	8.818	9.962	1.0210	1.1545	1.6046	2.2692
RP1000/A	4.859	7.025	7.950	8.835	8.844	9.434	1.0436	1.1541	1.2735	1.3712	1.5472	2.1864	2.9694
RP10000/A	5.964	8.876	9.905	1.0846	1.0846	1.1721	1.3120	1.4494	1.5895	1.7113	1.9266	2.7153	3.5842
PMP/A	1.1453	1.6240	1.8879	2.0273	2.1407	2.3074	2.4535	2.7053	3.0402	3.2733	3.6796	5.0495	7.0450

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
T09 7933 0	SANTA MARGARITA BSTR	1100	25	29S	12E	M	35.367	120.633	40				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.90	4.81	5.50	5.96	6.27	6.60	7.22	7.91	8.95	9.66	11.22	15.55	26.62
5	5.52	7.08	8.21	8.90	9.34	10.04	11.05	12.01	13.53	14.59	16.82	23.30	37.43
10	6.60	8.64	10.05	10.85	11.30	12.34	13.69	14.85	16.63	17.95	20.62	28.66	44.50
20	7.62	10.15	11.61	12.70	13.23	14.51	16.23	17.57	19.39	21.14	24.24	33.40	51.14
25	7.94	10.63	12.18	13.28	13.84	15.19	17.04	18.43	20.52	22.14	25.37	35.43	53.20
40	6.60	11.62	13.51	14.48	15.08	16.60	18.71	20.23	22.46	24.23	27.74	38.81	57.48
50	8.91	12.08	14.04	15.04	15.63	17.25	19.49	21.07	23.36	25.21	28.85	40.41	59.46
100	9.86	13.51	15.69	16.76	17.36	19.27	21.91	23.66	26.15	28.21	32.25	43.30	65.37
200	10.79	14.93	17.32	18.44	19.06	21.25	24.29	26.22	28.68	31.17	35.00	50.13	71.52
1000	12.90	18.15	21.01	22.26	22.89	25.73	29.74	32.06	35.12	37.69	43.22	61.18	84.96
10000	15.84	22.69	26.18	27.58	28.19	31.97	37.38	40.26	43.83	47.29	53.87	76.65	103.57
PMP	30.41	41.97	49.90	53.95	56.69	62.94	69.91	75.15	83.63	90.45	102.78	142.55	203.57
MEAN	4.262	5.394	6.153	6.628	6.913	7.378	8.210	8.967	10.058	10.832	12.580	17.543	28.895
CLOCK HR. COR.	1.140	1.070	1.090	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	+0.64	+0.820	+0.818	+0.853	+0.917	+1.059	+2.089	+1.081	+1.691	+1.044	+1.354	+1.427	+1.083
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.300	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.800	1.400	1.400	1.400	1.500	1.200
KURTOSIS	4.362	3.625	3.533	3.625	4.240	5.723	9.229	8.141	6.924	7.108	6.274	6.307	4.033
RECORD YEAR	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD MAXIMUM	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969	1969	1969	1969
NORMALIZED MAX	7.900	10.450	12.420	13.750	15.720	17.630	23.830	24.390	26.060	28.140	30.820	43.850	60.500
CALC. COEF. VAR	2.233	2.315	2.331	2.437	2.858	3.074	3.870	3.724	3.558	3.566	3.440	3.445	2.707
REQN. COEF. VAR	.377	.405	.437	.441	.446	.452	.492	.462	.447	.443	.422	.435	.404
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	.1475	.1867	.2130	.2294	.2393	.2553	.2841	.3103	.3481	.3796	.4334	.6072	1.0000
RP10/A	.2283	.2992	.3479	.3756	.3932	.4270	.4739	.5130	.5756	.6211	.7135	.9917	1.5402
RP25/A	.2679	.3679	.4277	.4596	.4790	.5256	.5896	.6380	.7102	.7663	.8718	1.2261	1.6413
RP50/A	.3084	.4181	.4801	.5205	.5409	.5972	.6746	.7292	.8088	.8725	.9984	1.3984	2.0564
RP100/A	.3412	.4677	.5432	.5800	.6007	.6669	.7582	.8188	.9049	.9764	1.1161	1.5677	2.2692
RP1000/A	.4464	.6293	.7272	.7705	.7922	.8968	1.0291	1.1094	1.2153	1.3113	1.4956	2.1106	2.9404
RP10000/A	.5486	.7852	.9061	.9544	.9757	1.1085	1.2938	1.3933	1.5108	1.6367	1.8643	2.6529	3.5642
PMP/A	1.0524	1.4324	1.7271	1.6672	1.9619	2.1781	2.4914	2.6006	2.9012	3.1303	3.5569	4.9334	7.0430

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
T09 8849 0	TEMPLETON	270	773	29	27S	12E	M	35.548	120.766	40			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.98	3.57	4.01	4.17	4.71	4.92	5.36	5.91	6.98	7.63	9.00	12.18	18.49
5	4.21	5.26	5.99	6.23	7.03	7.48	8.20	8.97	10.55	11.53	13.48	18.25	26.00
10	5.04	6.43	7.33	7.59	8.55	9.19	10.16	11.07	12.97	14.18	16.53	22.45	30.92
20	5.82	7.54	8.61	8.99	9.97	10.81	12.05	13.12	15.28	16.70	19.43	26.48	35.52
25	6.06	7.90	9.01	9.29	10.41	11.31	12.64	13.76	16.00	17.50	20.34	27.75	36.96
40	6.37	8.63	9.85	10.13	11.33	12.36	13.88	15.10	17.51	19.15	22.24	30.40	39.93
50	6.81	9.04	10.24	10.53	11.78	12.85	14.47	15.73	18.22	19.92	23.13	31.85	41.32
100	7.53	10.04	11.44	11.73	13.06	14.35	16.26	17.67	20.39	22.29	25.86	35.48	45.55
200	8.24	11.09	12.63	12.91	14.34	15.83	18.03	19.58	22.53	24.63	28.54	39.27	49.69
1000	9.86	13.49	15.32	15.58	17.22	19.17	22.07	23.94	27.38	29.94	34.65	47.91	59.03
10000	12.10	16.88	19.09	19.30	21.21	23.81	27.74	30.06	34.49	37.37	43.19	60.05	71.95
PMP	23.23	31.19	36.38	37.75	42.64	48.88	51.68	56.11	65.37	71.48	82.49	111.66	141.42
MEAN	3.256	4.009	4.486	4.638	5.261	5.496	6.092	6.696	7.843	8.576	10.085	13.743	20.074
CLOCK HR. COR.	1.140	1.070	1.090	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.014	.740	.775	.672	.993	.997	.432	.670	1.128	-0.047	-0.141	-.389	-0.116
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.800	1.400	1.400	1.400	1.500	1.200
KURTOSIS	4.076	4.262	3.910	3.763	3.006	2.895	3.533	3.913	2.907	2.651	2.447	2.934	2.301
RECORD YEAR	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD MAXIMUM	1914	1914	1914	1914	1914	1909	1914	1914	1914	1914	1914	1911	1938
NORMALIZED MAX	6.000	7.260	6.260	6.460	8.460	8.990	11.400	13.260	14.290	14.340	16.490	26.470	31.600
CALC. COEF. VAR	1.982	2.254	2.147	2.220	1.657	1.058	2.324	2.482	2.111	1.905	1.694	2.288	1.701
REGN. COEF. VAR	.425	.360	.372	.371	.338	.342	.375	.395	.389	.365	.375	.405	.338
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.622	1.997	2.235	2.311	2.591	2.738	3.035	3.336	3.907	4.272	5.024	6.886	1.0000
RP10/A	1.210	1.3201	.9533	.9783	1.4258	1.4578	1.5082	1.5924	1.6461	1.7064	1.8234	1.1182	1.3402
RP25/A	1.3021	1.3935	1.4889	1.4629	1.5187	1.5635	1.6208	1.6857	1.7972	1.8717	1.0134	1.3825	1.6413
RP50/A	1.3381	1.4474	1.5101	1.5243	1.5837	1.6403	1.7037	1.7677	1.9073	1.9825	1.2252	1.5768	2.0564
RP100/A	1.3732	1.5004	1.5700	1.5842	1.6507	1.7151	1.6999	1.8081	1.9158	1.1068	1.2880	1.7677	2.2692
RP1000/A	1.4910	1.6722	1.7632	1.7761	1.8578	1.9549	1.0993	1.1924	1.3642	1.4918	1.7260	2.3666	2.9404
RP10000/A	1.6027	1.8401	1.9509	1.9613	2.1244	2.3354	2.5843	2.7952	3.2567	3.3608	4.1047	5.5927	7.0430

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T10 7024 0	STATION NAME POINT PIEDRAS BLANCAS	ELEV 59	SEC	TWP	RNG	LOT	BWM	LATITUDE 35.667	LONGITUDE 121.283	COUNTY CODE 40			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.55	3.05	3.51	3.83	4.26	4.37	4.84	5.09	5.98	6.53	7.96	10.90	19.41
5	3.01	4.48	5.24	5.72	6.35	6.05	7.41	7.73	9.03	9.68	11.92	16.34	27.28
10	4.32	5.48	6.41	6.98	7.72	8.17	9.18	9.55	11.11	12.14	14.01	20.10	32.44
20	4.98	6.43	7.53	8.16	9.00	9.60	10.88	11.30	13.09	14.30	17.18	23.71	37.27
25	5.19	6.73	7.88	8.54	9.41	10.05	11.42	11.86	13.71	14.98	17.98	24.05	38.78
40	5.63	7.36	8.61	9.31	10.23	10.98	12.54	13.01	15.00	16.48	19.66	27.23	41.90
50	5.83	7.66	8.96	9.67	10.62	11.42	13.07	13.55	15.61	17.06	20.45	28.34	43.36
100	6.45	8.56	10.01	10.77	11.80	12.70	14.68	15.22	17.46	19.09	22.86	31.77	47.80
200	7.06	9.46	11.05	11.86	12.95	14.06	16.28	16.86	19.29	21.09	25.23	35.18	52.14
1000	8.44	11.50	14.00	15.31	16.56	17.03	19.93	20.62	23.45	25.84	30.63	42.90	61.33
10000	10.36	14.37	16.70	17.73	19.16	21.16	25.06	25.89	29.27	32.00	38.18	53.77	75.40
PMP	19.90	26.59	31.83	34.68	38.52	41.65	46.86	48.33	55.99	61.21	72.84	99.99	148.39
MEAN	2.789	3.418	3.925	4.261	4.698	4.883	5.503	5.767	6.718	7.344	8.916	12.306	21.063
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.753	1.765	1.400	1.377	1.995	1.896	1.947	1.900	1.840	1.480	0.974	-1.639	1.211
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	7.077	7.296	6.301	5.601	4.222	4.335	8.930	8.560	7.996	6.320	4.492	7.295	4.657
N	22	22	22	22	22	22	22	22	22	22	22	22	21
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	9.740	9.300	10.050	10.050	10.050	10.470	14.330	14.950	17.940	18.350	20.110	30.440	45.720
NORMALIZED MAX	2.553	2.849	2.891	2.875	2.966	2.991	3.444	3.402	3.335	3.110	2.761	3.214	2.740
CALC. COEF. VAR	.350	.444	.474	.473	.427	.425	.466	.468	.501	.482	.455	.458	.420
REGN. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.324	1.623	1.863	2.023	2.230	2.318	2.613	2.738	3.389	3.467	4.233	5.843	1.00000
RP1/A	2.049	2.604	3.044	3.312	3.666	3.877	4.368	4.574	5.629	5.765	6.928	9.543	1.54020
RP2/A	2.586	3.196	3.742	4.053	4.465	4.772	5.421	5.629	6.808	7.114	8.538	11.798	1.84130
RP50/A	2.760	3.3635	3.8253	4.591	5.042	5.422	6.203	6.434	7.409	7.699	9.707	13.456	2.05840
RP100/A	3.063	4.065	4.752	5.115	5.602	6.056	6.972	7.225	8.291	8.684	11.052	15.085	2.26920
RP1000/A	4.008	5.461	6.363	6.795	7.385	8.006	9.463	9.769	11.130	11.213	14.542	20.367	2.94040
RP10000/A	4.920	6.825	7.928	8.616	9.696	1.0066	1.1896	1.2293	1.3899	1.5194	1.8127	2.5527	3.50420
PMP/A	9.447	12.624	15.111	16.646	18.289	1.9777	2.2246	2.2945	2.5583	2.9060	3.4584	4.7472	7.04500

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T11 8259 4		STATION NAME SIMMLER MAINT STA		ELEV 491	SEC 2020	TWP 01	RNG 105	LOT 38E	BWM 108	LATITUDE 35.367	LONGITUDE 120.000	COUNTY CODE 40	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.27	1.46	1.62	1.69	1.78	1.89	1.97	2.15	2.40	2.62	3.03	4.15	7.41
5	1.80	2.15	2.43	2.53	2.66	2.88	3.02	3.27	3.63	3.96	4.54	6.21	10.42
10	2.16	2.83	2.97	3.08	3.23	3.54	3.74	4.04	4.46	4.88	5.37	7.64	12.39
20	2.49	3.09	3.49	3.81	3.77	4.16	4.44	4.79	5.25	5.74	6.55	9.01	14.24
25	2.60	3.23	3.65	3.77	3.94	4.36	4.66	5.02	5.50	6.02	6.85	9.45	14.81
40	2.81	3.54	3.99	4.11	4.28	4.76	5.11	5.51	6.02	6.58	7.49	10.35	16.00
50	2.91	3.68	4.15	4.27	4.44	4.95	5.33	5.74	6.26	6.85	7.79	10.76	16.56
100	3.22	4.11	4.64	4.76	4.94	5.53	5.99	6.44	7.01	7.66	8.71	12.08	18.25
200	3.53	4.54	5.12	5.24	5.42	6.10	6.64	7.14	7.74	8.47	9.61	13.37	19.91
1000	4.22	5.53	6.21	6.32	6.51	7.38	8.13	8.73	9.42	10.29	11.67	16.31	23.65
10000	5.18	6.91	7.74	7.83	8.02	9.17	10.21	10.97	11.75	12.65	14.55	20.44	28.63
PMP	9.94	12.77	14.75	15.32	16.12	18.06	19.10	20.47	22.48	24.57	27.76	38.01	56.67
MEAN	1.394	1.642	1.839	1.882	1.966	2.117	2.243	2.443	2.697	2.948	3.397	4.679	8.044
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.757	1.390	1.617	1.308	1.308	1.577	1.703	1.956	1.466	1.715	1.695	2.051	1.463
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	3.919	5.374	5.424	4.591	4.343	5.462	5.864	5.590	5.051	6.293	6.649	8.102	5.207
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1969	1969	1967	1967	1962	1969	1969	1969	1969	1969	1969	1969	1958
RECORD MAXIMUM	2.450	3.360	3.870	3.870	4.390	5.540	6.060	6.307	6.640	8.510	9.490	13.410	18.020
NORMALIZED MAX	1.910	2.366	2.336	2.254	2.456	2.809	3.041	2.965	2.732	3.120	3.125	3.372	2.793
CALC. COEF. VAR	.387	.442	.483	.486	.502	.501	.509	.533	.535	.465	.574	.553	.444
REGN. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.733	2.041	2.261	2.340	2.444	2.632	2.789	3.037	3.352	3.668	4.224	5.817	1.0000
RP1/A	2.681	3.372	3.694	3.832	4.016	4.401	4.652	5.028	5.544	6.061	6.922	9.500	1.5402
RP2/A	3.227	4.021	4.541	4.808	5.093	5.418	5.787	6.242	6.841	7.474	8.519	11.746	1.8413
RP50/A	3.622	4.573	5.101	5.310	5.524	6.056	6.522	7.035	7.768	8.515	9.680	13.396	2.0584
RP100/A	4.008	5.114	5.767	5.977	6.138	6.875	7.442	8.012	8.715	9.529	10.828	15.018	2.2692
RP1000/A	5.244	6.870	7.721	7.860	8.092	9.160	1.0101	1.0555	1.1705	1.2798	1.4511	2.0276	2.9404
RP10000/A	6.438	8.596	9.620	9.736	9.966	1.1405	1.2699	1.3633	1.4609	1.5973	1.8887	2.5413	3.5042
PMP/A	1.2362	1.5682	1.8337	1.9048	2.0039	2.2452	2.3748	2.5446	2.7943	3.0551	3.4508	4.7260	7.0450

PEARSON TYPE III DISTRIBUTION USED

REASONABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T11 9813 10	STATION NAME WREDEN RANCH SLO 121	ELEV 522	SEC 2080	TWP 11	RND LOT 295 17E	BWM M	LATITUDE 35.417	LONGITUDE 120.100	COUNTY CODE 40				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.23	1.47	1.65	1.83	1.91	2.02	2.17	2.40	2.70	2.96	3.40	4.62	6.36
5	1.74	2.16	2.46	2.73	2.85	3.07	3.32	3.85	4.07	4.47	5.89	6.92	11.75
10	2.08	2.64	3.01	3.33	3.47	3.76	4.11	4.51	5.01	5.50	6.24	8.51	13.97
20	2.40	3.10	3.53	3.90	4.04	4.44	4.87	5.33	5.90	6.47	7.33	10.04	16.05
25	2.50	3.24	3.70	4.07	4.22	4.65	5.11	5.59	6.18	6.78	7.68	10.53	16.70
40	2.71	3.54	4.04	4.44	4.60	5.08	5.62	6.14	6.77	7.42	8.39	11.53	18.04
50	2.81	3.69	4.20	4.62	4.77	5.28	5.85	6.39	7.04	7.72	8.73	12.00	16.67
100	3.11	4.12	4.70	5.14	5.30	5.90	6.58	7.18	7.88	8.64	9.76	13.40	20.58
200	3.40	4.55	5.19	5.66	5.82	6.50	7.29	7.96	8.70	9.55	10.77	14.49	22.45
1000	4.07	5.54	6.29	6.83	6.99	7.88	8.93	9.73	10.58	11.61	13.07	16.17	26.47
10000	5.00	6.92	7.84	8.46	8.60	9.79	11.22	12.22	13.20	14.48	16.29	22.77	32.51
PMP	9.59	12.80	14.94	16.55	17.30	19.27	20.98	22.81	25.26	27.70	31.09	42.35	63.90
MEAN	1.365	1.646	1.842	2.034	2.110	2.259	2.464	2.721	3.030	3.324	3.805	5.212	9.070
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.433	1.148	1.078	1.066	1.058	1.071	1.180	1.206	1.270	1.081	1.004	2.377	1.957
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	5.827	4.444	7.055	5.674	4.969	4.827	8.650	7.965	6.747	7.164	6.782	9.030	5.085
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.610	3.170	4.590	4.950	5.089	5.420	7.720	8.660	8.510	9.680	10.430	16.150	19.850
NORMALIZED MAX	2.176	2.212	2.308	2.358	2.438	2.572	3.350	3.270	3.160	3.410	3.615	3.714	2.699
CALC. COEF. VAR	.433	.419	.508	.520	.534	.524	.637	.599	.583	.605	.577	.615	.445
REGN. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.083	1.815	2.031	2.242	2.326	2.490	2.717	3.000	3.341	3.665	4.195	5.747	1.0000
RP25/A	.2293	.2908	.3318	.3871	.3823	.4184	.4532	.4968	.5324	.5680	.6876	1.386	1.5402
RP50/A	.3574	.4480	.4849	.5268	.5126	.5482	.5816	.6168	.6542	.6926	.8462	1.705	1.8413
RP50/A	.3099	.4064	.4636	.5088	.5259	.5823	.6451	.7050	.7760	.8513	.9621	1.3235	2.0584
RP100/A	.3430	.4546	.5181	.5869	.5843	.6504	.7250	.7917	.8685	.9527	1.0751	1.4838	2.2692
RP1000/A	.4487	.6107	.6937	.7531	.7303	.8695	.9511	1.0726	1.1664	1.2765	1.4413	2.0033	2.9404
RP10000/A	.5509	.7632	.8642	.9329	.9487	1.0770	1.2372	1.3471	1.4588	1.5970	1.7906	2.5108	3.9842
PMP/A	1.0578	1.4117	1.6473	1.8252	1.9076	2.1241	2.3135	2.5144	2.7845	3.0545	3.4277	4.8693	7.0450

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
T12 239 0	APACHE CAMP	4965	16	09N 23W	5	34.867	119.333	56					
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.20	1.48	1.70	1.80	1.89	1.98	2.07	2.22	2.54	2.83	3.30	4.68	9.13
5	1.70	2.18	2.53	2.68	2.81	3.02	3.16	3.37	3.84	4.28	4.94	7.01	12.83
10	2.03	2.66	3.10	3.27	3.42	3.71	3.92	4.17	4.73	5.26	6.00	8.62	15.26
20	2.34	3.12	3.64	3.83	3.99	4.36	4.64	4.93	5.57	6.20	7.12	10.17	17.53
25	2.44	3.27	3.81	4.01	4.17	4.56	4.87	5.18	5.83	6.49	7.46	10.86	18.24
40	2.64	3.57	4.17	4.37	4.53	4.99	5.35	5.68	6.38	7.10	8.15	11.68	19.71
50	2.74	3.72	4.33	4.54	4.71	5.19	5.57	5.92	6.64	7.39	8.48	12.16	20.39
100	3.03	4.16	4.84	5.06	5.23	5.79	6.27	6.64	7.43	8.27	9.48	13.63	22.48
200	3.32	4.59	5.35	5.58	5.74	6.39	6.95	7.36	8.21	9.13	10.46	15.08	24.52
1000	3.97	5.58	6.49	6.72	6.89	7.73	8.50	9.00	9.98	11.11	12.70	18.40	29.13
10000	4.87	6.98	8.08	8.32	8.49	9.61	10.69	11.30	12.45	13.86	15.83	23.06	35.51
PMP	9.35	12.91	15.40	16.28	17.07	18.91	19.99	21.10	23.82	26.51	30.21	42.89	69.79
MEAN	1.311	1.659	1.899	2.000	2.082	2.217	2.348	2.518	2.858	3.181	3.698	5.278	9.906
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.140	1.053	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	3.435	7.043	10.936	8.350	8.284	7.041	6.418	6.941	8.853	7.174	5.723	3.434	3.337
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1958	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962
RECORD MAXIMUM	2.200	3.900	5.330	5.430	5.780	5.980	6.230	7.030	7.830	8.630	9.020	11.120	19.830
NORMALIZED MAX	1.704	3.080	3.722	3.522	3.569	3.332	3.287	3.395	3.369	3.451	3.192	2.523	2.477
CALC. COEF. VAR	.398	.439	.485	.487	.498	.509	.503	.528	.516	.496	.451	.439	.404
REGN. COEF. VAR	.4074	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.4074	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.3223	1.675	1.917	2.018	2.101	2.238	2.370	2.541	2.885	3.211	3.733	5.328	1.0000
RP10/A	.2048	.2684	.3132	.3305	.3453	.3743	.3953	.4209	.4711	.5309	.6117	.8703	1.5402
RP25/A	.2464	.3299	.3851	.4044	.4207	.4607	.4918	.5225	.5887	.6551	.7529	1.0759	1.8413
RP50/A	.2766	.3751	.4376	.4581	.4750	.5234	.5428	.5742	.6402	.7059	.8050	1.2271	2.0584
RP100/A	.3061	.4195	.4890	.5104	.5276	.5846	.6235	.6700	.7500	.8347	.9509	1.3757	2.2692
RP1000/A	.4004	.5636	.6547	.6780	.6958	.7896	.8595	.9085	1.0073	1.1210	1.2823	1.8574	2.9404
RP10000/A	.4916	.7643	.8157	.8398	.8569	.9698	1.0792	1.1410	1.2572	1.3992	1.5984	2.3279	3.9842
PMP/A	.9440	1.3028	1.5549	1.6430	1.7231	1.9091	2.0182	2.1297	2.4046	2.6762	3.0495	4.3292	7.0450

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 51 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE		
T12 719 0	BETTERAVIA SLO 387		364	155	10N	35W	5	34.917	120.517	42			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.79	2.13	2.34	2.54	2.76	2.84	3.06	3.34	3.98	4.38	5.05	7.03	12.38
5	2.54	3.13	3.49	3.78	4.12	4.33	4.68	5.07	6.01	6.62	7.56	10.54	17.40
10	3.04	3.83	4.27	4.61	5.01	5.32	5.69	6.27	7.39	8.14	9.27	12.97	20.70
20	3.51	4.49	5.02	5.40	5.84	6.25	6.68	7.41	8.71	9.58	10.90	15.29	23.78
25	3.65	4.70	5.26	5.65	6.10	6.55	7.22	7.78	9.12	10.04	11.41	16.03	24.74
40	3.96	5.14	5.74	6.10	6.64	7.15	7.92	8.53	9.98	10.99	12.47	17.56	26.73
50	4.10	5.35	5.97	6.40	6.89	7.44	8.26	8.89	10.38	11.43	12.97	18.26	27.00
100	4.54	5.98	6.67	7.13	7.66	8.31	9.28	9.98	11.62	12.79	14.90	20.49	30.49
200	4.97	6.61	7.36	7.84	8.40	9.16	10.29	11.04	12.84	14.13	16.01	22.68	33.26
1000	5.94	8.04	8.94	9.47	10.09	11.09	12.60	13.52	15.66	17.18	19.43	27.67	39.51
10000	7.29	10.04	11.13	11.72	12.43	13.78	15.84	16.99	19.48	21.44	24.23	34.68	48.16
PMP	14.00	18.58	21.22	22.94	25.00	27.13	29.61	31.70	37.25	41.01	46.22	64.50	94.67
MEAN	1.962	2.388	2.616	2.818	3.048	3.188	3.478	3.783	4.469	4.920	5.657	7.938	13.438
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.008	1.000
CALCULATED SKEW	1.191	1.185	1.139	1.143	1.117	1.097	1.029	1.015	1.019	1.063	1.005	1.276	1.108
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	5.437	4.994	5.892	5.419	4.859	6.869	7.687	6.268	5.112	8.684	7.277	4.403	4.685
N	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD YEAR	1909	1909	1918	1914	1918	1909	1909	1909	1909	1909	1909	1909	1941
RECORD MAXIMUM	4.000	5.300	6.280	6.500	7.390	9.120	10.520	10.520	11.130	15.740	17.370	20.000	29.160
NORMALIZED MAX	3.144	3.225	3.254	3.130	3.303	4.016	4.267	3.622	3.375	4.020	4.199	3.330	3.779
CALC. COEF. VAR	.430	.378	.430	.417	.431	.465	.475	.466	.442	.476	.493	.435	.348
REGN. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.478	.475	.403
MEAN/A	1.1400	1.1777	1.1947	1.2097	1.2268	1.2367	1.2588	1.2815	1.3326	1.3662	1.4210	1.5907	1.0000
RP10/A	.2260	.2648	.3181	.3434	.3728	.3958	.4317	.4662	.5500	.6055	.6900	.9648	1.5402
RP25/A	.2719	.3500	.3911	.4200	.4542	.4872	.5371	.5788	.6786	.7471	.8491	1.1928	1.8413
RP50/A	.3082	.3980	.4444	.4759	.5128	.5535	.6145	.6615	.7726	.8568	.9654	1.3604	2.0584
RP100/A	.3377	.4451	.4960	.5303	.5698	.6182	.6906	.7429	.8646	.9519	1.0793	1.5252	2.2692
RP1000/A	.4419	.5980	.6850	.7044	.7511	.8254	.9374	1.0065	1.1612	1.2584	1.4463	2.0592	2.9404
RP10000/A	.5428	.7473	.8295	.8725	.9251	1.0255	1.1785	1.2640	1.4494	1.5956	1.8028	2.5809	3.5842
PMP/A	1.0417	1.3824	1.5791	1.7071	1.8602	2.0188	2.2038	2.3593	2.7722	3.0519	3.4395	4.7996	7.0450

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
T12 1586 20	CAT CANYON FD-UNION OIL C	1120	05	08N	32W	R	5	34.796	120.263	42
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.99	2.44	2.76	3.00	3.24	3.40	3.64	3.92	4.44	4.84
5	2.61	3.39	3.84	4.12	4.40	4.64	4.92	5.28	6.12	6.64
10	3.36	4.38	5.04	5.40	5.84	6.24	6.68	7.16	8.24	8.84
20	3.88	5.15	5.92	6.24	6.72	7.16	7.64	8.16	9.44	10.00
25	4.04	5.39	6.20	6.52	6.96	7.40	7.88	8.36	9.72	10.28
40	4.38	5.89	6.77	7.08	7.52	7.96	8.44	8.92	10.36	10.92
50	4.54	6.13	7.04	7.36	7.80	8.24	8.72	9.20	10.64	11.20
100	5.02	6.85	7.87	8.18	8.62	9.06	9.54	10.02	11.46	12.02
200	5.50	7.57	8.69	8.99	9.43	9.87	10.35	10.83	12.27	12.83
1000	6.57	9.21	10.34	10.64	11.08	11.52	12.00	12.48	13.92	14.48
10000	8.07	11.51	13.13	13.43	13.87	14.31	14.79	15.27	16.71	17.27
PMP	15.50	21.28	25.03	25.33	25.77	26.21	26.69	27.17	28.61	29.17
MEAN	2.172	2.736	3.086	3.294	3.502	3.610	3.818	4.026	4.590	4.940
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.851	.844	.844	.844	.844	.844	.844	.844	.844	.844
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400
KURTOSIS	3.490	2.284	2.800	4.045						
N	21	21	21	21						
RECORD YEAR	1956	1962	1962	1969						
RECORD MAXIMUM	3.230	4.320	5.590	28.850						
NORMALIZED MAX	1.697	1.463	1.930	2.357						
CALC. COEF. VAR	.287	.396	.420	.376						
REGN. COEF. VAR	.409	.452	.474	.403						
USED COEF. VAR	.409	.452	.474	.403						
MEAN/A	1.1420	1.1789	1.2018	1.2000						
RP10/A	.2198	.2867	.3297	1.5396						
RP25/A	.2645	.3524	.4053	1.8496						
RP50/A	.2969	.4007	.4806	2.0746						
RP100/A	.3288	.4481	.5147	2.2940						
RP1000/A	.4209	.6020	.6892	2.9971						
RP10000/A	.5277	.7523	.8586	3.6758						
PMP/A	1.0133	1.3916	1.6386	7.0480						

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T12 2236 0	STATION NAME CUYAMA	ELEV 2240	SEC 25	TWP 10N	RNG LOT 26W	8WM S	LATITUDE 34.933	LONGITUDE 119.617	COUNTY CODE 42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.05	1.31	1.42	1.50	1.59	1.59	1.63	1.70	1.87	2.02	2.31	3.06	5.41
5	1.49	1.93	2.12	2.24	2.40	2.42	2.49	2.59	2.83	3.06	3.49	4.48	7.93
10	1.78	2.36	2.60	2.73	2.89	2.97	3.09	3.20	3.48	3.76	4.29	5.63	9.04
20	2.05	2.77	3.05	3.20	3.37	3.49	3.66	3.79	4.10	4.43	5.05	6.65	10.39
25	2.14	2.90	3.19	3.34	3.52	3.66	3.84	3.97	4.30	4.64	5.29	6.97	10.81
40	2.32	3.18	3.49	3.65	3.83	4.00	4.22	4.36	4.70	5.07	5.79	7.63	11.68
50	2.40	3.30	3.63	3.79	3.97	4.15	4.40	4.54	4.89	5.28	6.02	7.93	12.09
100	2.66	3.69	4.06	4.22	4.41	4.64	4.94	5.10	5.48	5.91	6.74	8.91	13.33
200	2.91	4.08	4.46	4.64	4.85	5.12	5.48	5.65	6.03	6.53	7.44	9.86	14.54
1000	3.48	4.96	5.43	5.61	5.82	6.20	6.71	6.91	7.36	7.93	9.05	12.03	17.27
10000	4.27	6.20	6.77	6.94	7.17	7.70	8.44	8.67	9.18	9.90	11.28	14.58	21.85
PMP	8.20	11.47	12.90	13.59	14.41	15.15	15.77	16.19	17.56	18.94	21.58	28.03	41.37
MEAN	1.149	1.474	1.591	1.669	1.757	1.777	1.852	1.932	2.107	2.272	2.599	3.450	5.873
CLOCK NR. COR.	1.149	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.328	1.982	2.240	2.128	2.010	1.938	1.809	1.680	1.419	1.251	1.036	0.682	0.291
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.300	1.500	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200
KURTOSIS	4.498	7.463	9.349	9.341	10.914	11.184	11.097	11.370	11.948	10.128	10.623	7.485	5.931
RECORD YEAR	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD MAXIMUM	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962
NORMALIZED MAX	2.420	4.210	4.860	4.960	5.450	5.470	5.470	5.570	6.450	6.550	7.010	8.000	12.880
CALC. COEF. VAR	1.965	2.831	3.177	3.269	3.460	3.489	3.533	3.557	3.600	3.641	3.674	3.717	3.760
REGION. COEF. VAR	.563	.655	.635	.603	.606	.596	.553	.529	.572	.547	.489	.468	.421
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403
MEAN/A	1.1957	.2511	.2709	.2842	.2993	.3025	.3155	.3290	.3588	.3870	.4426	.5875	1.0000
RP10/A	.3028	.4024	.4425	.4654	.4918	.5059	.5262	.5448	.5733	.6039	.7007	.9595	1.5402
RP25/A	.3044	.4040	.4440	.4695	.4891	.5027	.5166	.5311	.5461	.5616	.6584	.9172	1.4900
RP50/A	.4091	.5624	.6182	.6490	.6765	.7049	.7330	.7609	.7886	.8161	.9259	1.3530	2.0584
RP100/A	.4527	.6290	.6909	.7187	.7517	.7902	.8418	.8681	.9327	1.0060	1.1477	1.5168	2.2692
RP1000/A	.5923	.8450	.9250	.9847	.9909	1.0551	1.1426	1.1761	1.2527	1.3511	1.5407	2.0479	2.9404
RP10000/A	.7271	1.0560	1.1525	1.1826	1.2204	1.3109	1.4364	1.4771	1.5635	1.6863	1.9225	2.5668	3.8442
PMP/A	1.3962	1.9534	2.1968	2.3138	2.4539	2.5806	2.6861	2.7569	2.9905	3.2254	3.6546	4.7733	7.0450

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T12 3692 10	STATION NAME GUADALUPE P I C 352	ELEV 397	SEC 80	TWP 10N	RNG LOT 26W	8WM S	LATITUDE 34.962	LONGITUDE 120.574	COUNTY CODE 42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.59	1.87	2.07	2.24	2.41	2.55	2.74	3.02	3.58	3.92	4.56	6.42	11.10
5	2.25	2.75	3.10	3.34	3.59	3.87	4.19	4.59	5.42	5.92	6.88	9.63	15.60
10	2.69	3.36	3.79	4.08	4.37	4.76	5.19	5.68	6.66	7.28	8.46	11.68	18.80
20	3.11	3.95	4.46	4.77	5.09	5.60	6.15	6.72	7.85	8.58	9.96	13.97	21.32
25	3.24	4.13	4.66	4.99	5.32	5.86	6.45	7.05	8.22	8.99	10.43	14.64	22.10
40	3.51	4.52	5.10	5.44	5.79	6.40	7.09	7.73	8.99	9.84	11.41	16.06	23.96
50	3.64	4.70	5.30	5.65	6.01	6.65	7.38	8.06	9.36	10.23	11.88	16.70	24.80
100	4.02	5.26	5.92	6.30	6.68	7.43	8.30	9.05	10.47	11.45	13.29	18.72	27.34
200	4.40	5.81	6.54	6.93	7.33	8.20	9.20	10.02	11.57	12.65	14.68	20.71	29.82
1000	5.26	7.06	7.93	8.37	8.80	9.92	11.27	12.26	14.07	15.38	17.84	25.27	38.42
10000	6.46	8.83	9.88	10.36	10.84	12.33	14.16	15.39	17.58	19.20	22.45	30.52	45.82
PMP	12.41	16.32	18.63	20.27	21.79	24.27	26.48	28.73	33.58	36.72	42.55	58.91	84.87
MEAN	1.739	2.098	2.322	2.491	2.688	2.846	3.110	3.429	4.028	4.405	5.124	7.250	12.044
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.217	2.037	2.682	2.302	2.015	2.634	2.533	2.351	2.039	1.875	1.673	1.823	1.188
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200
KURTOSIS	5.125	14.395	13.082	10.478	9.010	12.843	12.056	11.188	8.700	7.893	6.477	7.863	4.598
RECORD YEAR	39	39	39	39	39	39	39	39	39	39	39	39	39
RECORD MAXIMUM	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
NORMALIZED MAX	3.750	7.270	7.900	7.900	8.310	10.320	11.180	11.633	12.650	13.010	14.480	21.820	28.910
CALC. COEF. VAR	2.614	4.217	4.255	4.043	3.914	4.410	4.377	4.294	3.871	3.741	3.312	3.000	2.000
REGION. COEF. VAR	.442	.584	.564	.537	.543	.596	.593	.557	.553	.522	.520	.419	.400
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403
MEAN/A	1.244	.1742	.1928	.2008	.2206	.2362	.2582	.2847	.3344	.3697	.4254	.6019	1.0000
RP10/A	.2234	.2792	.3149	.3385	.3626	.3950	.4307	.4714	.5330	.6047	.7022	.9830	1.5402
RP25/A	.2608	.3431	.3872	.4142	.4417	.4862	.5359	.5852	.6824	.7462	.8651	1.2183	1.8413
RP50/A	.3016	.3902	.4400	.4695	.4987	.5524	.6130	.6668	.7769	.8495	.9858	1.3861	2.0804
RP100/A	.3339	.4364	.4917	.5228	.5541	.6172	.6800	.7511	.8694	.9507	1.1030	1.5539	2.2432
RP1000/A	.4369	.5862	.6583	.6945	.7305	.8239	.9352	1.0176	1.1676	1.2768	1.4808	2.0980	2.9404
RP10000/A	.5364	.7326	.8202	.8602	.8997	1.0236	1.1757	1.2780	1.4573	1.5936	1.8477	2.6295	3.9482
PMP/A	1.0300	1.3552	1.5634	1.6830	1.8091	2.0150	2.1985	2.3854	2.7874	3.0480	3.5325	5.8900	7.0457

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 712 6576 0	STATION NAME OZENA	ELEV 33	SEC 3705	TWP 21	RNG LOT 07N 23W	8MM 5	LATITUDE 34.700	LONGITUDE 119.317	COUNTY CODE 56															
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS																								
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	YEAR											
2	2.35	2.79	3.06	3.30	3.56	3.62	3.76	3.92	4.35	4.63	5.21	7.23	11.85											
5	3.35	4.11	4.57	4.93	5.31	5.51	5.75	5.96	6.57	6.99	7.67	10.83	16.37											
10	3.98	5.02	5.59	6.01	6.46	6.76	7.13	7.37	8.08	8.60	9.67	13.32	19.47											
20	4.59	5.89	6.57	7.04	7.53	7.95	8.45	8.72	9.52	10.13	11.38	15.71	22.37											
25	4.79	6.16	6.87	7.36	7.87	8.33	8.87	9.12	9.97	10.61	11.92	16.47	23.28											
40	5.19	6.74	7.51	8.02	8.66	9.10	9.74	10.03	10.91	11.61	13.04	18.04	25.15											
50	5.37	7.01	7.81	8.33	8.89	9.46	10.15	10.45	11.35	12.08	13.57	18.78	26.02											
100	5.95	7.84	8.73	9.28	9.87	10.57	11.41	11.74	12.71	13.52	15.18	21.05	28.69											
200	6.51	8.66	9.63	10.22	10.84	11.65	12.45	12.80	14.04	14.93	16.77	23.30	31.29											
1000	7.78	10.53	11.89	12.35	13.01	14.11	15.48	15.90	17.05	18.14	20.38	28.43	37.17											
10000	9.55	13.16	14.56	15.28	16.03	17.53	19.47	19.97	21.30	22.65	25.43	35.63	45.31											
PMP	18.34	24.35	27.75	29.89	32.23	34.50	36.40	37.27	40.74	43.34	48.63	66.26	89.06											
MEAN	2.570	3.129	3.422	3.672	3.930	4.045	4.275	4.448	4.887	5.200	5.855	8.155	12.641											
CLOCK NR. COR.	1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000											
CALCULATED SKEW	2.082	1.810	1.450	1.207	1.156	1.116	1.041	1.026	1.060	1.176	1.217	1.360	1.235											
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200											
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200											
KURTOSIS	10.454	7.747	5.431	4.737	4.031	3.771	3.617	3.617	3.494	3.953	4.019	4.515	4.358											
N	61	61	61	61	61	61	61	61	61	61	61	61	62											
RECORD YEAR	1914	1914	1914	1962	1962	1962	1969	1969	1962	1969	1918	1911	1941											
RECORD MAXIMUM	7.700	9.400	9.470	9.750	9.188	10.070	10.410	10.950	11.600	13.420	14.060	22.980	32.630											
NORMALIZED MAX	3.930	3.761	3.221	3.001	2.758	2.681	2.582	2.661	2.592	2.805	3.027	3.109	3.309											
CALC. COEF. VAR	.508	.530	.549	.552	.558	.556	.549	.530	.546	.557	.585	.478	.478											
REGION. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403											
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403											
MEAN/A	.2033	.2475	.2707	.2904	.3109	.3200	.3382	.3518	.3866	.4113	.4632	.6451	1.0000											
RP10/A	.3148	.3987	.4439	.4756	.5110	.5351	.5641	.5866	.6393	.6802	.7846	1.0536	1.5402											
RP25/A	.3786	.4876	.5432	.5819	.6210	.6511	.6818	.7089	.7889	.8393	.9431	1.3025	1.8413											
RP50/A	.4250	.5545	.6179	.6591	.7029	.7483	.8030	.8267	.8981	.9558	1.0734	1.4856	2.0584											
RP100/A	.4703	.6202	.6905	.7344	.7809	.8356	.9024	.9293	1.0051	1.0694	1.2010	1.6655	2.2692											
RP1000/A	.6154	.8331	.9245	.9756	1.0295	1.1160	1.2249	1.2578	1.3499	1.4362	1.6124	2.2487	2.9404											
RP10000/A	.7754	1.0412	1.1510	1.2084	1.2679	1.3865	1.5399	1.5707	1.6848	1.7926	2.0120	2.8184	3.5842											
PMP/A	1.4506	1.9259	2.1954	2.3643	2.5495	2.7295	2.8796	2.9484	3.2225	3.4286	3.8465	5.2413	7.0450											

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 712 7946 0	STATION NAME SANTA MARIA AP	ELEV 238	SEC 3705	TWP 21	RNG LOT 07N 23W	8MM 5	LATITUDE 34.900	LONGITUDE 120.450	COUNTY CODE 42															
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS																								
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650											
2	1.81	2.12	2.32	2.51	2.68	2.80	2.90	3.14	3.78	4.18	4.97	7.32	12.38											
5	2.57	3.12	3.47	3.74	4.00	4.26	4.44	4.78	5.72	6.31	7.50	10.97	17.40											
10	3.07	3.81	4.25	4.56	4.86	5.24	5.50	5.90	7.03	7.76	9.22	13.50	20.69											
20	3.54	4.47	4.99	5.34	5.67	6.18	6.52	6.99	8.28	9.14	10.85	15.92	23.78											
25	3.69	4.68	5.23	5.58	5.92	6.44	6.84	7.33	8.67	9.58	11.37	16.69	24.74											
40	4.00	5.12	5.71	6.08	6.44	7.04	7.51	8.04	9.49	10.40	12.44	18.28	26.73											
50	4.15	5.32	5.94	6.32	6.68	7.32	7.83	8.38	9.68	10.91	12.94	19.03	27.68											
100	4.59	5.96	6.64	7.04	7.43	8.18	8.60	9.40	11.05	12.21	14.48	21.34	30.49											
200	5.02	6.58	7.33	7.75	8.15	9.02	9.75	10.42	12.21	13.48	15.99	23.61	33.26											
1000	6.00	8.00	8.89	9.35	9.79	10.92	11.94	12.74	14.84	16.39	19.44	28.01	39.51											
10000	7.37	10.00	11.07	11.59	12.06	13.57	15.01	16.00	18.53	20.46	24.25	36.10	48.16											
PMP	14.15	18.49	21.11	22.67	24.25	26.71	28.07	29.87	35.44	39.13	46.37	67.14	94.05											
MEAN	1.983	2.377	2.603	2.785	2.957	3.131	3.297	3.564	4.251	4.695	5.583	8.263	13.436											
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
CALCULATED SKEW	.840	.680	.584	.502	.432	.382	.344	.314	.274	.246	.216	.176	.146											
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200											
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200											
KURTOSIS	3.563	3.353	3.333	3.433	3.475	3.407	3.479	3.900	3.934	2.997	3.247	4.217	5.071											
N	27	27	27	27	27	27	27	27	27	27	27	27	27											
RECORD YEAR	1936	1943	1943	1943	1962	1962	1962	1962	1962	1962	1941	1941	1941											
RECORD MAXIMUM	3.250	4.350	5.240	5.650	6.210	6.350	6.760	7.460	9.240	9.690	11.560	17.640	30.750											
NORMALIZED MAX	1.927	2.103	2.417	2.349	2.399	2.297	2.332	2.566	2.649	2.337	2.263	2.435	2.879											
CALC. COEF. VAR	.410	.395	.419	.438	.459	.447	.451	.426	.443	.455	.467	.486	.446											
REGION. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403											
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403											
MEAN/4	.1476	.1699	.1937	.2073	.2201	.2330	.2454	.2653	.3164	.3494	.4155	.6150	1.0000											
RP1g/4	.2286	.2835	.3165	.3394	.3617	.3897	.4093	.4393	.5233	.5739	.6886	1.0045	1.5402											
RP25/4	.3415	.4152	.4582	.4952	.5292	.5692	.5952	.6452	.7842	.8642	1.0342	1.5442	2.3542											
RP50/4	.3086	.3963	.4421	.4703	.4975	.5450	.5826	.6234	.7351	.8017	.9631	1.4165	2.0584											
RP100/4	.3415	.4432	.4941	.5240	.5528	.6087	.6488	.7000	.8226	.9084	1.0775	1.5880	2.2692											
RP1000/4	.4468	.5954	.6616	.6961	.7288	.8128	.8887	.9488	1.1048	1.2200	1.4468	2.1440	2.9404											
RP10000/4	.5485	.7441	.8242	.8623	.8978	1.0098	1.1173	1.1911	1.3799	1.5227	1.8051	2.6871	3.5882											
PMP/4	1.0532	1.3764	1.5710	1.6671	1.8048	1.9876	2.0893	2.2232	2.6375	2.9125	3.4510	4.9972	7.0450											

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8WM	LATITUDE	LONGITUDE	COUNTY CODE			
T12 8267 1	SISQUONOC RANCH 415	390	600	09N	31W	5	34+833	120+167	42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.14	2.50	2.78	2.88	3.07	3.26	3.51	3.81	4.28	4.56	5.27	7.44	13.18
5	3.03	3.68	4.03	4.29	4.57	4.96	5.37	5.79	6.47	6.89	7.95	11.15	18.53
10	3.82	4.50	4.94	5.23	5.56	6.09	6.65	7.15	7.95	8.47	9.77	13.71	22.03
20	4.18	5.28	5.80	6.13	6.48	7.16	7.89	8.46	9.37	9.98	11.51	16.17	25.31
25	4.35	5.53	6.07	6.40	6.77	7.50	8.28	8.88	9.81	10.45	12.05	16.95	26.36
40	4.72	6.05	6.63	6.98	7.37	8.20	9.09	9.74	10.74	11.44	13.19	18.57	28.45
50	4.89	6.29	6.90	7.25	7.65	8.52	9.47	10.15	11.17	11.90	13.72	19.33	29.44
100	5.41	7.03	7.71	8.08	8.50	9.52	10.64	11.39	12.50	13.32	15.35	21.67	32.46
200	5.92	7.77	8.51	8.90	9.33	10.44	11.68	12.62	13.81	14.71	16.98	23.90	35.40
1000	7.08	9.45	10.32	10.74	11.20	12.71	14.45	15.44	16.79	17.88	20.51	28.26	42.08
10000	8.69	11.81	12.86	13.30	13.79	15.79	18.16	19.36	20.46	22.32	25.72	36.68	51.27
PMP	16.68	21.84	24.51	26.02	27.74	31.08	33.97	36.19	40.09	42.70	49.17	68.21	100.77
MEAN	2.338	2.607	3.022	3.197	3.383	3.644	3.989	4.318	4.810	5.123	5.920	8.395	14.303
CLOCK HR. COR.	1.149	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.067	1.146	1.194	1.248	1.287	1.344	1.398	1.396	1.479	1.531	1.487	1.424	1.074
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	3.316	5.471	6.139	7.285	6.680	4.954	5.342	5.014	5.732	5.288	5.020	5.024	3.303
RECORD YEAR	19	22	22	22	22	22	22	22	22	22	22	22	22
RECORD MAXIMUM	1956	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1969	1969
NORMALIZED MAX	3.508	5.680	6.060	8.130	9.050	9.050	10.040	10.440	12.280	12.610	13.660	19.540	26.850
CALC. COEF. VAR	1.149	2.584	2.866	3.140	3.120	2.808	2.820	2.755	2.956	2.734	2.674	2.721	2.175
REGN. COEF. VAR	.356	.399	.413	.491	.537	.528	.538	.511	.525	.535	.489	.488	.403
USED COEF. VAR	.409	.452	.474	.476	.460	.502	.501	.492	.489	.489	.487	.475	.403
MEAN/A	.1635	.1963	.2113	.2235	.2365	.2548	.2769	.3019	.3363	.3682	.4139	.5669	1.0000
RP10/A	.2530	.3146	.3460	.3687	.3867	.4260	.4652	.4999	.5581	.5922	.6833	.9566	1.5402
RP25/A	.3044	.3866	.4244	.4478	.4735	.5244	.5787	.6206	.6962	.7306	.8428	1.1851	1.8413
RP50/A	.3418	.4306	.4623	.5072	.5346	.5958	.6622	.7094	.7812	.8320	.9592	1.3517	2.0584
RP100/A	.3782	.4917	.5389	.5851	.5940	.6854	.7442	.7966	.8742	.9311	1.0733	1.5153	2.2692
RP1000/A	.4945	.6626	.7216	.7507	.7631	.8885	1.0102	1.0793	1.1741	1.2505	1.4449	2.0459	2.9404
RP10000/A	.6674	.8255	.8990	.9299	.9644	1.1039	1.2599	1.3554	1.4655	1.5607	1.7980	2.5642	3.5882
PMP/A	1.1664	1.5270	1.7136	1.8193	1.9302	2.1731	2.3748	2.5300	2.8030	2.9652	3.4374	4.7686	7.0450

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8WM	LATITUDE	LONGITUDE	COUNTY CODE
T12 8864 1	TEPUSQUET CYN	3248					34+908	120+185	42	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS										
RETURN PERIOD IN YEARS	10	20	30	M YR						
2	2.57	3.12	3.32	17.32						
5	3.84	4.40	4.98	24.31						
10	4.35	5.62	6.07	29.14						
20	5.02	6.59	7.12	33.60						
25	5.23	6.98	7.46	35.00						
40	5.87	7.85	8.15	37.90						
50	5.87	7.85	8.47	39.25						
100	6.50	8.78	9.47	43.41						
200	7.11	9.70	10.45	47.48						
1000	8.50	11.79	12.68	56.72						
10000	10.44	14.74	15.80	69.56						
PMP	26.05	27.26	30.11	133.32						
MEAN	2.809	3.504	3.713	18.024						
CLOCK HR. COR.	1.140	1.070	1.040	1.000						
CALCULATED SKEW	.653	1.293	1.048	1.170						
REGIONAL SKEW	1.300	1.800	1.400	1.300						
SKEW USED	1.300	1.500	1.600	1.300						
KURTOSIS	3.529	4.955	4.001	4.082						
RECORD YEAR	1956	1951	1951	1958						
RECORD MAXIMUM	4.000	7.150	7.240	38.340						
NORMALIZED MAX	1.814	2.510	2.264	2.889						
CALC. COEF. VAR	.826	.415	.420	.382						
REGN. COEF. VAR	.409	.452	.474	.403						
USED COEF. VAR	.409	.452	.474	.403						
MEAN/A	.1485	.1851	.1982	1.0000						
RP10/A	.2298	.2967	.3205	1.5394						
RP25/A	.2768	.3647	.3941	1.8494						
RP50/A	.3104	.4147	.4478	2.0748						
RP100/A	.3434	.4639	.4906	2.2948						
RP1000/A	.4494	.6231	.6700	2.9871						
RP10000/A	.5516	.7787	.8348	3.6758						
PMP/A	1.0592	1.4404	1.5911	7.0450						

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
713 5107 0	LOS 4LAMOS 351	399	565	30	08N	32W	5	34.750	120.283	42			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.11	2.47	2.80	3.07	3.32	3.50	3.80	4.09	4.69	5.08	5.98	6.38	14.02
5	2.98	3.63	4.18	4.58	4.95	5.32	5.82	6.21	7.09	7.67	9.02	12.56	19.71
10	3.57	4.43	5.11	5.59	6.02	6.54	7.21	7.68	8.71	9.44	11.09	15.45	23.44
20	4.12	5.20	6.01	6.54	7.02	7.69	8.55	9.08	10.26	11.12	13.05	18.22	26.94
25	4.29	5.45	6.29	6.84	7.33	8.05	8.97	9.53	10.75	11.64	13.67	19.10	28.03
40	4.65	5.96	6.87	7.46	7.98	8.60	9.65	10.46	11.76	12.74	14.96	20.92	30.28
50	4.82	6.20	7.15	7.75	8.26	8.91	10.27	10.89	12.24	13.26	15.56	21.78	31.33
100	5.33	6.93	7.98	8.64	9.26	10.22	11.54	12.22	13.70	14.81	17.41	24.42	34.54
200	5.84	7.65	8.81	9.50	10.10	11.27	12.79	13.55	15.13	16.39	19.23	27.02	37.67
1000	6.98	9.31	10.69	11.47	12.13	13.64	15.66	16.57	18.40	19.42	23.38	32.97	44.75
10000	8.57	11.43	13.32	14.21	14.94	16.95	19.69	20.81	22.96	24.87	29.17	41.32	54.55
PMP	16.45	21.52	25.39	27.80	30.04	33.37	36.82	38.84	43.91	47.56	55.77	76.84	107.23
MEAN	2.306	2.766	3.131	3.415	3.664	3.911	4.324	4.635	5.269	5.707	6.715	9.457	15.220
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.843	2.083	1.856	1.523	1.376	1.259	1.159	1.101	1.378	1.419	1.486	1.495	1.135
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	8.272	10.038	8.762	6.582	6.762	5.839	5.499	5.833	4.579	4.468	4.747	4.830	4.276
N	66	65	65	65	65	65	65	65	65	65	65	65	67
RECORD YEAR	1918	1918	1918	1918	1918	1918	1918	1911	1911	1918	1918	1911	1941
RECORD MAXIMUM	5.810	8.136	9.250	9.390	10.358	10.440	11.440	12.410	13.280	13.730	17.170	25.360	35.290
NORMALIZED MAX	3.631	4.317	4.311	3.974	4.071	3.862	3.444	3.500	3.145	2.824	3.295	3.352	3.292
CALC. COEF. VAR	.416	.449	.453	.440	.448	.459	.478	.479	.483	.498	.498	.502	.401
REGN. COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403
USED COEF. VAR	.409	.452	.474	.476	.480	.502	.501	.492	.489	.489	.487	.475	.403
MEAN/A	.1515	.1817	.2057	.2244	.2407	.2570	.2841	.3045	.3462	.3749	.4412	.6213	1.0000
RP1/A	.2345	.2912	.3360	.3674	.3956	.4297	.4739	.5043	.5724	.6200	.7284	1.0148	1.5402
RP5/A	.2822	.3580	.4131	.4496	.4819	.5290	.5895	.6260	.7033	.7650	.8984	1.2546	1.6413
RP50/A	.3168	.4070	.4555	.5092	.5441	.5810	.6745	.7156	.8041	.8710	1.0225	1.4309	2.0584
RP100/A	.3505	.4553	.5246	.5874	.6465	.6712	.7581	.8035	.8899	.9747	1.1441	1.6042	2.2892
RP1000/A	.4586	.6116	.7024	.7573	.7970	.8963	1.0290	1.0887	1.2086	1.3091	1.5360	2.1658	2.9404
RP10000/A	.5630	.7643	.8751	.9336	.9816	1.1136	1.2936	1.3672	1.5085	1.6339	1.9166	2.7145	3.5842
PMP/A	1.0810	1.4138	1.6881	1.8265	1.9737	2.1921	2.4190	2.5520	2.8852	3.1250	3.6642	5.0481	7.0450

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
714 3048 0	FIGUEROA MTN	3200	26	08N	30W Q 5	34.736	120.066	42					
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.71	3.32	3.79	4.00	4.37	4.67	4.97	5.09	5.95	6.40	7.52	10.75	18.22
5	4.03	5.20	6.03	6.39	6.95	7.52	8.13	8.25	9.44	10.68	11.66	16.67	26.46
10	4.92	6.50	7.84	8.38	8.64	9.42	10.31	10.44	11.82	12.58	14.48	20.77	31.86
20	5.78	7.74	9.49	9.48	10.22	11.21	12.40	12.54	14.08	14.96	17.16	24.70	36.92
25	6.02	8.14	9.44	9.05	10.71	11.77	13.06	13.20	14.79	15.71	18.00	25.95	38.50
40	6.56	8.96	10.38	10.92	11.73	12.94	14.44	14.58	16.27	17.28	19.78	28.54	41.76
50	6.82	9.34	10.83	11.38	12.21	13.46	15.09	15.23	16.96	17.99	20.58	29.75	43.28
100	7.59	10.53	12.19	12.76	13.66	15.15	17.08	17.22	19.09	20.23	23.10	33.49	47.93
200	6.36	11.70	13.52	14.15	15.08	16.78	19.05	19.19	21.18	22.43	25.58	37.18	52.47
1000	10.09	14.37	16.36	17.25	18.29	20.49	23.54	23.69	25.94	27.44	31.23	45.62	67.72
10000	12.44	18.13	20.62	21.57	22.72	25.65	29.65	30.00	32.60	34.45	39.12	57.46	76.91
PMP	24.44	34.10	40.34	43.02	46.57	51.25	56.69	56.67	63.16	66.61	75.37	107.84	153.18
MEAN	3.007	3.883	4.333	4.541	4.915	5.316	5.782	5.908	6.795	7.295	8.521	12.275	19.958
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.861	1.281	1.153	1.027	.811	1.321	1.042	2.097	1.694	1.908	1.803	1.886	1.603
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	3.941	5.756	4.739	4.441	2.949	4.804	6.930	6.987	6.761	7.392	6.790	6.842	5.432
N	31	31	31	31	31	31	31	31	30	30	30	30	30
RECORD YEAR	1969	1943	1943	1969	1969	1971	1969	1969	1969	1969	1969	1941	1941
RECORD MAXIMUM	4.900	7.790	8.670	9.000	9.800	13.700	16.500	18.000	16.700	21.300	22.400	33.300	49.410
NORMALIZED MAX	1.621	2.736	2.445	2.640	2.106	2.902	3.057	3.850	3.423	3.629	3.211	3.079	3.929
CALC. COEF. VAR	.346	.383	.409	.421	.472	.543	.606	.531	.512	.529	.507	.560	.488
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1507	.1906	.2171	.2275	.2463	.2664	.2897	.2960	.3404	.3655	.4269	.6150	1.0000
RP1/A	.2465	.3255	.3778	.3996	.4328	.4718	.5164	.5230	.5921	.6303	.7254	1.0407	1.5965
RP25/A	.3016	.4077	.4730	.4985	.5368	.5896	.6546	.6613	.7410	.7871	.9020	1.3000	1.9290
RP50/A	.3415	.4682	.5405	.5703	.6117	.6755	.7562	.7630	.8408	.8915	1.0310	1.4407	2.1687
RP100/A	.3805	.5276	.6105	.6403	.6845	.7590	.8560	.8629	.9563	1.0136	1.1573	1.6781	2.4015
RP1000/A	.5054	.7201	.8299	.8645	.9103	1.0267	1.1796	1.1869	1.2997	1.3749	1.5645	2.2856	3.1426
RP10000/A	.6259	.9083	1.0429	1.0810	1.1388	1.2881	1.4958	1.5033	1.6332	1.7259	1.9401	2.8131	3.8530
PMP/A	1.2243	1.7084	2.0221	2.1859	2.3336	2.5678	2.8404	2.8493	3.1844	3.3373	3.7761	5.4032	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
714 3401 0	018RALTER DAM	1250	10	05N	27N	5	34.517	119-700	42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS N=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.49	5.48	6.02	6.54	6.88	7.13	7.56	8.13	9.08	9.59	10.65	14.37	22.77
5	6.70	8.59	9.57	10.43	10.94	11.47	12.37	13.18	14.41	15.10	16.52	22.29	35.07
10	8.17	10.73	11.98	13.03	13.60	14.36	15.69	16.66	18.04	18.84	20.51	27.76	39.82
20	9.56	12.79	14.27	15.48	16.09	17.10	18.88	20.01	21.49	22.40	24.30	33.02	46.14
25	9.99	13.44	14.99	16.25	16.87	17.96	19.89	21.07	22.57	23.52	25.50	34.88	48.11
40	10.90	14.83	16.49	17.85	18.47	19.73	21.99	23.28	24.83	25.85	27.98	38.14	52.19
50	11.32	15.43	17.20	18.59	19.22	20.56	22.90	24.31	25.89	26.94	29.15	39.77	54.09
100	12.61	17.39	19.35	20.88	21.51	23.11	26.01	27.50	29.13	30.29	32.72	44.77	59.89
200	13.88	19.32	21.47	23.11	23.74	25.80	29.00	30.64	32.32	33.59	36.23	49.70	65.57
1000	16.75	23.74	26.30	28.19	28.79	31.26	35.64	37.82	39.59	41.09	44.23	60.98	78.38
10000	20.74	29.94	33.06	35.24	35.77	39.12	45.45	47.90	49.75	51.56	55.41	76.81	96.11
PMP	40.57	56.32	64.07	70.28	73.32	78.17	86.30	90.79	96.39	99.73	106.75	144.15	191.42
MEAN	4.993	6.282	6.881	7.418	7.738	8.109	8.802	9.433	10.370	10.923	12.069	16.409	24.940
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.281	1.575	1.483	1.340	1.295	1.258	1.174	1.096	1.046	1.014	1.001	1.001	1.006
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	4.081	6.139	5.629	4.217	3.894	4.366	5.607	5.217	4.704	5.600	5.311	5.788	4.018
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	10.850	17.160	19.640	19.700	19.760	23.190	28.950	29.690	30.800	34.860	36.200	50.770	58.370
NORMALIZED MAX	2.041	2.870	2.956	2.456	2.255	2.547	3.004	2.950	2.836	3.069	3.017	3.159	2.534
CALC. COEF. VAR	.575	.603	.627	.674	.689	.730	.762	.726	.695	.715	.665	.663	.529
RECN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.2802	.2519	.2759	.2974	.3103	.3251	.3529	.3702	.4158	.4380	.4639	.6579	1.0000
RP10/A	.3275	.4302	.4802	.5224	.5452	.5759	.6291	.6682	.7231	.7553	.8222	1.1132	1.9565
RP25/A	.4007	.5389	.6011	.6517	.6762	.7200	.7975	.8449	.9050	.9431	1.0224	1.3907	1.9290
RP50/A	.4538	.6188	.6895	.7455	.7707	.8245	.9212	.9748	1.0379	1.0802	1.1686	1.5946	2.1687
RP100/A	.5056	.6973	.7760	.8370	.8624	.9285	1.0428	1.1025	1.1680	1.2145	1.3118	1.7951	2.4015
RP1000/A	.6715	.9519	1.0547	1.1301	1.1543	1.2532	1.4371	1.5163	1.5873	1.6475	1.7734	2.4450	3.1428
RP10000/A	.8316	1.2605	1.3255	1.4132	1.4344	1.5687	1.8223	1.9207	1.9947	2.0660	2.2217	3.0798	3.8536
PMP/A	1.6267	2.2581	2.5687	2.8180	2.9398	3.1344	3.4603	3.6402	3.8648	3.9987	4.2802	5.7799	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
714 3402 0	018RALTER DAM 2	1550	11	05N	27W	5	34.524	119-688	42
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS N=HOURS									
RETURN PERIOD IN YEARS	10	20	30	W YR					
2	4.34	5.26	5.69	21.59					
5	6.46	8.23	9.04	31.45					
10	7.88	10.29	11.31	38.02					
20	9.22	12.26	13.48	44.23					
25	9.64	12.88	14.16	46.18					
40	10.51	14.18	15.57	50.21					
50	10.92	14.79	16.24	52.10					
100	12.16	16.67	18.27	57.87					
200	13.39	18.53	20.29	63.53					
1000	16.16	22.76	24.84	76.36					
10000	20.01	28.70	31.22	94.22					
PMP	39.14	53.99	60.49	182.85					
MEAN	4.817	6.022	6.498	23.824					
CLOCK HR. COR.	1.140	1.070	1.040	1.000					
CALCULATED SKEW	1.281	1.592	1.576	1.545					
REGIONAL SKEW	1.300	1.500	1.400	1.300					
SKEW USED	1.300	1.500	1.400	1.300					
KURTOSIS	4.775	7.765	7.281	5.474					
N	56	56	56	56					
RECORD YEAR	1943	1943	1943	1941					
RECORD MAXIMUM	10.850	17.160	19.640	65.700					
NORMALIZED MAX	2.570	3.754	3.896	3.399					
CALC. COEF. VAR	.467	.493	.519	.517					
RECN. COEF. VAR	.475	.531	.554	.445					
USED COEF. VAR	.475	.531	.554	.445					
MEAN/A	.2022	.2520	.2727	1.0000					
RP10/A	.3308	.4317	.4747	1.8959					
RP25/A	.4947	.5406	.5942	1.9382					
RP50/A	.5503	.6210	.6815	2.1886					
RP100/A	.5106	.6990	.7670	2.4289					
RP1000/A	.6781	.9553	1.0425	3.2052					
RP10000/A	.8398	1.2648	1.3102	3.9547					
PMP/A	1.6427	2.2662	2.5391	7.6750					

PRECIPITATION TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T14 4422 0	STATION NAME JUNCLAL O&M		ELEV 398	SEC 2060	TWP 28	RNG LOT 05N 25W	BWM 5	LATITUDE 34.483	LONGITUDE 119.517	COUNTY CODE 42			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.02	6.28	6.78	7.41	7.71	8.36	8.96	8.98	10.43	11.01	12.46	16.74	25.90
5	7.49	9.83	10.78	11.82	12.26	13.46	14.66	14.55	18.56	17.34	19.33	25.98	37.60
10	9.13	12.25	13.49	14.76	15.24	16.85	18.39	18.39	20.72	21.64	23.99	32.36	45.27
20	10.68	14.65	16.08	17.55	18.03	20.06	22.37	22.09	24.68	25.73	28.44	38.48	52.46
25	11.17	15.40	16.89	18.42	18.90	21.07	23.56	23.26	25.93	27.02	29.84	40.42	54.70
40	12.17	16.95	18.58	20.22	20.69	23.15	26.05	25.69	28.52	29.69	32.74	44.45	59.34
50	12.45	17.08	19.37	21.07	21.53	24.13	27.22	26.83	29.73	30.95	34.10	46.35	61.50
100	14.69	19.92	21.80	23.66	24.10	27.11	30.81	30.35	33.46	34.80	38.28	52.18	68.10
200	15.50	22.14	24.19	26.19	26.60	30.04	34.36	33.82	37.13	38.58	42.39	57.93	74.55
1000	18.71	27.19	29.63	31.94	32.26	36.67	42.46	41.74	45.48	47.20	51.15	71.06	89.12
10000	23.18	34.30	37.24	39.94	40.08	45.90	53.85	52.87	57.15	59.25	64.84	89.52	109.28
PMP	45.33	64.51	72.17	79.64	82.15	91.72	102.25	100.21	110.72	114.56	124.91	167.99	217.65
MEAN	5.579	7.196	7.751	8.406	8.670	9.514	10.428	10.412	11.912	12.548	14.122	19.123	28.358
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.032	1.947	1.790	1.617	1.622	2.022	2.527	2.466	2.272	2.537	2.033	2.507	1.624
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	8.186	7.865	6.912	5.528	6.700	7.788	10.881	11.338	9.389	10.965	8.869	11.563	5.752
N	46	46	46	28	46	28	46	28	46	28	46	28	46
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	16.000	21.000	23.020	22.700	28.630	33.630	43.410	43.611	45.040	50.410	51.770	72.640	80.130
NORMALIZED MAX	3.170	3.217	3.162	2.642	3.449	3.466	3.872	4.480	3.709	3.889	4.210	3.977	3.455
CALC. COEF. VAR	.569	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1967	.2938	.2733	.2964	.3057	.3355	.3677	.3672	.4201	.4425	.4980	.6743	1.0000
RP10/A	.3219	.4334	.4757	.5207	.5373	.5943	.6555	.6486	.7306	.7630	.8461	1.1410	1.5965
RP25/A	.3938	.5429	.5955	.6495	.6663	.7429	.8209	.8202	.9143	.9527	1.0521	1.4254	1.9290
RP50/A	.4459	.6234	.6830	.7430	.7594	.8508	.9599	.9453	1.0485	1.0913	1.2026	1.6344	2.1687
RP100/A	.4968	.7025	.7687	.8342	.8497	.9560	1.0866	1.0702	1.1800	1.2270	1.3500	1.8399	2.4015
RP1000/A	.6599	.9589	1.0449	1.1263	1.1374	1.2931	1.4974	1.4720	1.6036	1.6643	1.8250	2.5060	3.1426
RP10000/A	.8173	1.2055	1.3132	1.4084	1.4134	1.6186	1.8845	1.8645	2.0151	2.0892	2.2864	3.1567	3.8536
PMP/A	1.5986	2.2749	2.5448	2.8085	2.8967	3.2342	3.6056	3.5338	3.9045	4.0397	4.4047	5.9240	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T14 5064 25	STATION NAME LONPOC BURPEE SEED CO	ELEV 100	SEC 06N	TWP 34W	BWM 5	LATITUDE 34.567	LONGITUDE 120.483	COUNTY CODE 42
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS								
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100
2	1.62	1.86	2.01	11.01				
5	2.42	2.92	3.19	16.04				
10	2.95	3.65	4.00	19.39				
20	3.45	4.35	4.76	22.56				
25	3.61	4.57	5.00	23.55				
40	3.93	5.03	5.50	25.61				
50	4.08	5.25	5.74	26.57				
100	4.55	5.92	6.46	29.51				
200	5.01	6.57	7.17	32.40				
1000	6.04	8.08	8.78	38.94				
10000	7.49	10.19	11.03	48.05				
PMP	14.64	19.16	21.38	93.25				
MEAN	1.802	2.137	2.297	12.150				
CLOCK HR. COR.	1.140	1.070	1.040	1.000				
CALCULATED SKEW	.606	.508	.416	1.167				
REGIONAL SKEW	1.300	1.500	1.400	1.300				
SKEW USED	1.300	1.500	1.400	1.300				
KURTO5IS	3.281	4.164	3.649	3.609				
N	22	22	22	22				
RECORD YEAR	1963	1956	1962	1958				
RECORD MAXIMUM	2.890	3.860	4.530	22.300				
NORMALIZED MAX	1.421	2.039	2.122	2.225				
CALC. COEF. VAR	.367	.395	.458	.375				
REGN. COEF. VAR	.475	.531	.554	.445				
USED COEF. VAR	.475	.531	.554	.445				
MEAN/A	.1483	.1759	.1896	1.0000				
RP10/A	.2427	.3004	.3296	1.5959				
RP25/A	.2969	.3763	.4110	1.9362				
RP50/A	.3362	.4321	.4723	2.1866				
RP100/A	.3746	.4869	.5315	2.4289				
RP1000/A	.4975	.6847	.7225	3.2052				
RP10000/A	.6161	.8383	.9080	3.9547				
PMP/A	1.2052	1.5768	1.7596	7.6750				

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
T14 5064 40	LOMPOC J M 375	378	570	06N	34W	5		34.600	120.450	42

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.62	2.99	3.37	3.65	3.88	4.14	4.31	4.68	5.48	5.94	6.81
5	3.91	4.68	5.35	5.83	6.17	6.66	7.05	7.59	8.69	9.36	10.57
10	4.77	5.85	6.69	7.28	7.67	8.34	8.94	9.60	10.88	11.67	13.12
20	5.58	6.97	7.98	8.65	9.07	9.93	10.76	11.53	12.96	13.89	15.34
25	5.83	7.33	8.38	9.08	9.51	10.42	11.33	12.14	13.62	14.57	16.31
40	6.36	8.07	9.22	9.97	10.42	11.45	12.53	13.41	14.98	16.02	17.90
50	6.60	8.41	9.61	10.38	10.84	11.94	13.09	14.00	15.62	16.69	18.64
100	7.38	9.48	10.81	11.62	12.13	13.41	14.82	15.85	17.57	18.77	20.93
200	8.09	10.53	12.00	12.91	13.39	14.86	16.53	17.65	19.50	20.61	23.17
1000	9.77	12.94	14.70	15.74	16.24	18.14	20.43	21.78	23.88	25.46	28.29
10000	12.10	16.32	18.47	19.68	20.18	22.71	25.98	27.59	30.01	31.96	35.44
PMP	23.67	30.70	35.80	39.25	41.35	45.38	49.18	52.29	58.15	61.80	68.28

MEAN	2.913	3.424	3.846	4.142	4.364	4.707	5.016	5.433	6.255	6.769	7.719
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.112	.989	.800	.668	.568	.495	.443	.387	.295	.220	1.239
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500

KURTOSIS	3.884	3.619	2.819	3.329	3.443	3.423	3.329	3.592	3.900	3.547	4.504
N	47	46	46	46	46	46	46	46	46	46	47
RECORD YEAR	1942	1942	1956	1962	1962	1962	1962	1962	1962	1962	1941
RECORD MAXIMUM	5.710	6.930	7.580	9.005	9.680	9.720	10.500	11.480	14.140	14.850	16.730
NORMALIZED MAX	2.154	2.425	2.185	2.578	2.710	2.483	2.516	2.726	3.046	2.757	3.142
CALC. COEF. VAR	.446	.422	.444	.455	.453	.429	.435	.408	.443	.419	.462
REGION. COEF. VAR	.475	.531	.554	.566	.565	.576	.587	.576	.553	.542	.519
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.519

MEAN/A	.1569	.1845	.2072	.2232	.2351	.2538	.2702	.2927	.3370	.3647	.4159
RP10/A	.2568	.3151	.3606	.3920	.4132	.4492	.4817	.5171	.5861	.6289	.7066
RP25/A	.3141	.3947	.4514	.4890	.5124	.5615	.6107	.6538	.7336	.7852	.8787
RP50/A	.3557	.4532	.5177	.5594	.5840	.6431	.7054	.7544	.8413	.8894	1.0044
RP100/A	.3963	.5108	.5826	.6280	.6535	.7228	.7965	.8532	.9467	1.0113	1.1274
RP1000/A	.5244	.6872	.7920	.8480	.8747	.9774	1.1004	1.1755	1.2666	1.3717	1.5241
RP10000/A	.6519	.8793	.9953	1.0604	1.0869	1.2235	1.3954	1.4864	1.6168	1.7219	1.9094
PMP/A	1.2751	1.6540	1.9288	2.1145	2.2277	2.4446	2.6497	2.8172	3.1326	3.3295	3.6785

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
T14 7249 26	RANCHO SAN JULIAN	600		05N	33W			34.533	120.333	42

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	W YR
2	3.35	3.95	4.34	21.52
5	4.99	6.19	6.89	31.35
10	6.08	7.74	8.62	37.90
20	7.12	9.23	10.27	44.08
25	7.44	9.69	10.79	46.02
40	8.11	10.67	11.87	50.04
50	8.43	11.13	12.38	51.92
100	9.39	12.54	13.93	57.68
200	10.33	13.94	15.46	63.32
1000	12.47	17.12	18.94	76.11
10000	15.44	21.60	23.80	93.91
PMP	30.20	40.62	46.13	182.25

MEAN	3.717	4.531	4.954	23.746
CLOCK HR. CDR.	1.140	1.070	1.040	1.000
CALCULATED SKEW	.976	1.213	1.353	1.946
REGIONAL SKEW	1.300	1.500	1.400	1.300
SKEW USED	1.300	1.500	1.400	1.300

KURTOSIS	3.339	4.551	4.487	8.548
N	52	52	52	51
RECORD YEAR	1952	1956	1966	1941
RECORD MAXIMUM	6.620	10.360	10.790	66.830
NORMALIZED MAX	1.997	2.080	2.615	4.270
CALC. COEF. VAR	.391	.447	.450	.425
REGION. COEF. VAR	.475	.531	.554	.445
USED COEF. VAR	.475	.531	.554	.445

MEAN/A	.1565	.1908	.2086	1.0000
RP10/A	.2561	.3250	.3631	1.5959
RP25/A	.3133	.4083	.4546	1.9382
RP50/A	.3548	.4688	.5214	2.1866
RP100/A	.3953	.5283	.5868	2.4289
RP1000/A	.5290	.7211	.7976	3.2052
RP10000/A	.6503	.9095	1.0023	3.9547
PMP/A	1.2719	1.7107	1.9424	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE
714 7905 10	SANTA BARBARA BUTANIC ODN	710	04	04N	27W	5	34.467	119.717	42

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	1D	2D	3D	W YR
2	3.43	4.15	4.54	20.39
5	5.11	6.51	7.22	29.69
10	6.23	8.13	9.03	35.90
20	7.29	9.89	10.76	41.76
25	7.63	10.19	11.31	43.60
40	8.31	11.21	12.44	47.40
100	9.84	13.18	14.57	54.19
200	10.59	14.65	16.20	59.98
1000	12.76	17.99	19.04	72.10
10000	15.83	22.76	24.93	88.66
PMP	36.96	42.60	46.32	172.84
MEAN	3.810	4.762	5.190	22.494
CLOCK HR. COR.	1.140	1.070	1.040	1.000
CALCULATED SKEW	1.822	1.467	1.062	1.092
REGIONAL SKEW	1.300	1.500	1.400	1.300
USED SKEW	1.300	1.500	1.400	1.300
KURTOSIS	8.343	5.685	6.619	3.686
N	62	62	62	61
RECORD YEAR	1943	1943	1943	1941
RECORD MAXIMUM	9.580	12.890	15.220	54.240
NORMALIZED MAX	3.559	3.413	3.016	3.215
CALC. COEF. VAR	.425	.482	.506	.439
REGION. COEF. VAR	.475	.531	.554	.445
USED COEF. VAR	.475	.531	.554	.445
MEAN/A	.1694	.2117	.2307	1.0000
RP10/A	.2771	.3616	.4015	1.9959
RP25/A	.3390	.4529	.5027	1.9382
RP50/A	.3859	.5200	.5769	2.1868
RP100/A	.4278	.5860	.6488	2.4289
RP1000/A	.5681	.8000	.8819	3.2052
RP10000/A	.7936	1.0059	1.1083	3.9547
PMP/A	1.3763	1.8977	2.1479	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE
714 7976 0	SANTA YNEZ	600					34.617	120.100	42

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.14	2.66	2.95	3.26	3.45	3.53	3.72	3.94	4.53	4.89	5.61	7.04	13.12
5	3.18	4.17	4.70	5.20	5.48	5.67	6.08	6.39	7.20	7.70	8.70	12.19	19.05
10	3.68	5.21	5.86	6.49	6.81	7.11	7.72	8.08	9.01	9.60	10.80	15.15	22.94
20	4.84	6.21	7.00	7.72	8.06	8.46	9.29	9.71	10.73	11.42	12.80	18.02	26.58
25	4.75	6.52	7.36	8.10	8.48	8.88	9.78	10.22	11.27	11.99	13.43	18.92	27.72
40	5.18	7.18	8.05	8.89	9.25	9.76	10.81	11.29	12.40	13.18	14.74	20.81	30.07
50	5.38	7.49	8.44	9.27	9.63	10.17	11.30	11.79	12.93	13.73	15.35	21.70	31.16
100	5.99	8.44	9.49	10.40	10.77	11.43	12.79	13.33	14.55	15.44	17.24	24.43	34.51
200	6.59	9.38	10.54	11.52	11.89	12.67	14.26	14.86	16.14	17.12	19.09	27.12	37.78
1000	7.96	11.52	12.91	14.05	14.42	15.46	17.63	18.34	19.77	20.98	23.30	33.27	48.16
10000	9.08	14.53	16.22	17.57	17.92	19.36	22.35	23.23	24.64	26.29	29.19	41.91	58.37
PMP	19.28	27.33	31.43	35.03	36.72	38.68	42.44	44.03	48.14	50.64	56.23	78.65	110.29
MEAN	2.372	3.068	3.376	3.697	3.876	4.012	4.329	4.575	5.179	5.569	6.358	8.953	14.370
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.961	1.928	1.385	.973	1.011	.984	1.263	1.195	1.231	1.476	1.706	1.937	2.177
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.231	1.476	1.400	1.500	1.200
USED SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	4.737	6.368	6.008	3.582	3.310	3.196	4.311	4.154	3.982	4.069	5.772	6.066	8.427
N	30	30	30	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1969	1943	1943	1943	1943	1943	1969	1969	1969	1939	1941	1969	1941
RECORD MAXIMUM	4.200	6.710	7.400	7.670	7.800	8.200	10.900	11.500	12.200	14.600	17.400	25.330	43.280
NORMALIZED MAX	2.187	2.761	2.682	2.395	2.076	2.120	2.042	2.029	2.501	2.084	3.023	2.998	3.638
CALC. COEF. VAR	.382	.435	.420	.449	.408	.500	.534	.535	.521	.562	.579	.618	.553
REGION. COEF. VAR	.478	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1051	.2121	.2350	.2573	.2697	.2792	.3012	.3184	.3604	.3875	.4424	.6230	1.0000
RP10/A	.2701	.3623	.4089	.4819	.4740	.4945	.5370	.5624	.6268	.6683	.7517	1.0842	1.5955
RP25/A	.3319	.4538	.5019	.5878	.5813	.6007	.6483	.6712	.7645	.8044	.9348	1.3170	1.9290
RP50/A	.3742	.5211	.5871	.6649	.6699	.7060	.7863	.8205	.8997	.9586	1.0885	1.5101	2.1687
RP100/A	.4169	.5872	.6608	.7240	.7497	.7956	.8901	.9280	1.0124	1.0744	1.1994	1.7000	2.4015
RP1000/A	.5537	.8016	.8981	.9776	1.0035	1.0762	1.2267	1.2744	1.3759	1.4577	1.6214	2.3154	3.1426
RP10000/A	.6890	1.0110	1.1287	1.2224	1.2449	1.3470	1.5594	1.6167	1.7290	1.8298	2.0313	2.9168	3.8838
PMP/A	1.3414	1.9016	2.1874	2.4376	2.5555	2.6915	2.9536	3.0642	3.3500	3.5301	3.9134	5.4735	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T14 7976 30	STATION NAME SANTA YNEZ FIRE STATION	ELEV 600	SEC	TWP	RNG LOT	BWM	LATITUDE 34.617	LONGITUDE 120.100	COUNTY CODE 42
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	50	100	300	W YR		
2	1.86	2.22	2.51	2.93	3.67	5.06	11.71		
5	2.60	3.40	3.96	4.68	5.63	8.14	19.16		
10	3.41	4.35	4.96	5.84	7.25	10.20	24.30		
20	3.90	5.19	5.94	6.94	8.58	12.14	29.24		
25	4.17	5.45	6.24	7.29	8.99	12.75	30.60		
40	4.55	6.01	6.86	8.00	9.85	14.01	34.05		
50	4.72	6.24	7.16	8.34	10.25	14.60	35.56		
100	5.26	7.06	8.05	9.36	11.47	16.40	40.20		
200	5.79	7.84	8.94	10.38	12.66	18.17	44.91		
1000	6.99	9.64	10.95	12.64	15.35	22.19	55.51		
10000	8.66	12.15	13.76	15.60	19.67	27.77	76.38		
PMP	16.94	22.56	26.66	31.52	39.09	55.49	133.65		
MEAN	2.085	2.550	2.863	3.326	4.125	5.756	13.631		
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.000	1.000		
CALCULATED SKEW	1.301	1.691	1.451	1.100	1.797	1.299	1.577		
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500		
SKEW USED	1.306	1.506	1.406	1.306	1.206	1.306	1.506		

KURTOSIS	4.683	6.816	6.191	3.705	6.683	4.461	4.723		
N	21	21	21	21	21	21	21		
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969		
RECORD MAXIMUM	4.140	5.720	6.250	6.520	10.800	13.600	27.000		
NORMALIZED MAX	2.122	2.744	2.821	2.117	3.030	2.593	2.347		
CALC. COEF. VAR	.468	.453	.419	.454	.554	.545	.421		
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587		
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587		
MEAN/A	.1529	.1870	.2101	.2440	.3026	.4223	1.0000		
RP10/A	.2502	.3195	.3656	.4266	.5318	.7480	1.7826		
RP25/A	.3061	.4002	.4577	.5347	.6596	.9351	2.2596		
RP50/A	.4595	.5249	.6117	.7517	1.0709	2.6103			
RP100/A	.3862	.5178	.5908	.6867	.8411	1.2033	2.9549		
RP1000/A	.5129	.7069	.8030	.9272	1.1259	1.6277	4.0721		
RP10000/A	.6353	.8915	1.0092	1.1594	1.3991	2.0373	5.1635		
PMP/A	1.2426	1.6769	1.9556	2.3121	2.8674	4.0709	9.8050		

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T15 1548 1	STATION NAME CARPINTERIA HS 333	ELEV 10	SEC	TWP	RNG LOT	BWM	LATITUDE 34.393	LONGITUDE 119.520	COUNTY CODE 42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.64	3.05	3.34	3.57	3.72	3.93	4.27	4.62	5.26	5.60	6.42	8.60	14.63
5	3.94	4.77	5.31	5.70	5.92	6.32	6.99	7.49	8.35	8.82	9.97	13.34	21.25
10	4.81	5.94	6.64	7.12	7.35	7.92	8.67	9.47	10.45	11.01	12.37	16.62	25.58
20	5.62	7.11	7.91	8.66	8.70	9.43	10.67	11.36	12.45	13.09	14.66	19.76	29.61
25	5.88	7.47	8.31	8.99	9.12	9.66	11.24	11.98	13.08	13.74	15.39	20.76	30.91
40	6.41	8.22	9.14	9.76	9.89	10.68	12.43	13.23	14.39	15.10	16.88	22.63	33.53
50	6.66	8.58	9.54	10.16	10.39	11.34	12.99	13.82	15.00	15.74	17.59	23.80	34.75
100	7.42	9.67	10.73	11.41	11.63	12.74	14.70	15.63	16.88	17.70	19.74	26.00	38.48
200	8.17	10.74	11.91	12.64	12.84	14.11	16.39	17.42	18.73	19.62	21.66	29.75	42.13
1000	9.86	13.19	14.69	15.41	15.57	17.23	20.26	21.50	22.94	24.01	26.49	36.50	50.36
10000	12.21	16.64	18.33	19.27	19.34	21.57	25.69	27.23	28.63	30.13	33.43	45.97	61.75
PMP	23.87	31.36	35.52	38.42	39.65	43.10	48.76	51.61	55.67	58.27	64.41	86.27	122.98
MEAN	2.938	3.492	3.816	4.055	4.184	4.470	4.975	5.342	6.010	6.302	7.262	9.821	16.024
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.450	1.432	1.156	1.138	1.263	1.631	1.393	1.409	1.470	1.507	1.428	1.135	1.504
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	5.061	4.877	4.082	4.031	4.661	5.983	5.131	5.023	5.533	5.769	5.038	3.741	5.415
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1969	1969	1969	1962	1962	1969	1969	1969	1962	1962	1962	1969	1941
RECORD MAXIMUM	6.400	8.440	8.840	10.910	11.030	13.150	13.620	14.150	16.340	16.920	17.600	23.580	36.080
NORMALIZED MAX	2.542	2.547	2.338	2.877	2.625	3.074	2.866	2.876	3.042	2.963	2.740	2.648	3.082
CALC. COEF. VAR	.463	.556	.541	.587	.632	.616	.570	.595	.577	.557	.517	.520	.463
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1034	.2179	.2301	.2531	.2611	.2790	.3105	.3347	.3791	.3983	.4545	.6129	1.0000
RP10/A	.3722	.4145	.4445	.4589	.4589	.4742	.5535	.5912	.6523	.6668	.7721	1.0370	1.5965
RP25/A	.3870	.4682	.5108	.5545	.5691	.6178	.7018	.7476	.8164	.8676	.9682	1.2955	1.9289
RP50/A	.4157	.5353	.5951	.6343	.6486	.7075	.8105	.8625	.9363	.9623	1.0975	1.4855	2.1687
RP100/A	.4631	.6032	.6697	.7122	.7250	.7950	.9175	.9755	1.0536	1.1045	1.2320	1.6722	2.4615
RP1000/A	.6150	.8234	.9103	.9816	.9715	1.0753	1.2843	1.3417	1.4519	1.4982	1.6854	2.2776	3.1426
RP10000/A	.7617	1.0395	1.1440	1.2024	1.2072	1.3460	1.6032	1.6895	1.7894	1.8606	2.0668	2.6690	3.8558
PMP/A	1.4900	1.9534	2.2170	2.3978	2.4741	2.6895	3.0443	3.2210	3.4065	3.6364	4.0196	5.3842	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

STATION NO. BSN ORDER SUB T15 1958 6	STATION NAME CASITAS DAM	ELEV 400	SEC 06	TWP 03N	RNG LOT 23W	8WM 5	LATITUDE 34.367	LONGITUDE 119.333	COUNTY CODE 56
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PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	W YR
2	2.91	3.42	3.72	16.10
5	4.34	5.36	5.92	23.44
10	5.29	6.70	7.41	28.34
20	6.19	7.98	8.83	32.97
25	6.47	8.39	9.27	34.42
40	7.05	9.23	10.20	37.43
50	7.33	9.63	10.64	38.64
100	8.16	10.85	11.97	43.14
200	8.96	12.06	13.26	47.36
1000	10.84	14.82	16.27	56.93
10000	13.43	18.69	20.45	70.24
PHP	26.27	35.15	38.63	136.31
MEAN	3.233	3.920	4.256	17.760
CLOCK MR. COR.	1.140	1.070	1.040	1.000
CALCULATED SKEW	.566	.944	1.133	.990
REGIONAL SKEW	1.300	1.500	1.400	1.300
SKEW USED	1.300	1.500	1.400	1.300
KURTOSIS	3.266	3.522	4.229	3.460
N	23	23	23	23
RECORD YEAR	1956	1956	1956	1956
RECORD MAXIMUM	5.350	7.660	9.740	36.150
NORMALIZED MAX	1.736	2.004	2.332	2.375
CALC. COEF. VAR	.377	.501	.552	.436
REGN. COEF. VAR	.475	.531	.554	.445
USED COEF. VAR	.475	.531	.554	.445
MEAN/A	.1820	.2207	.2397	1.0000
RP10/A	.2978	.3770	.4171	1.5939
RP25/A	.3643	.4723	.5221	1.9382
RP50/A	.4126	.5423	.5989	2.1866
RP100/A	.4597	.6111	.6740	2.4289
RP1000/A	.6105	.8342	.9161	3.2052
RP10000/A	.7562	1.0521	1.1513	3.9547
PHP/A	1.4791	1.9789	2.2312	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB T15 5612 30	STATION NAME MIGUELITO CANYON	ELEV 1080	SEC	TWP	RNG LOT	8WM	LATITUDE 34.572	LONGITUDE 120.495	COUNTY CODE 42
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	10	20	30	W YR
2	2.82	3.25	3.63	16.17
5	4.20	5.09	5.77	26.46
10	5.12	6.36	7.22	32.00
20	5.99	7.50	8.61	37.22
25	6.26	7.97	9.04	38.86
40	6.83	8.77	9.95	42.25
50	7.09	9.15	10.37	43.84
100	7.90	10.31	11.67	48.70
200	8.69	11.46	12.95	53.46
1000	10.49	14.08	15.86	64.26
10000	13.00	17.75	19.94	79.29
PHP	25.42	33.39	36.64	153.87
MEAN	3.129	3.725	4.150	20.049
CLOCK MR. COR.	1.140	1.070	1.040	1.000
CALCULATED SKEW	.874	1.614	1.265	.992
REGIONAL SKEW	1.300	1.500	1.400	1.300
SKEW USED	1.300	1.500	1.400	1.300
KURTOSIS	4.740	6.314	3.720	3.530
N	24	24	24	23
RECORD YEAR	1956	1956	1956	1956
RECORD MAXIMUM	5.600	8.330	8.940	37.390
NORMALIZED MAX	2.188	2.623	2.218	2.247
CALC. COEF. VAR	.361	.438	.520	.385
REGN. COEF. VAR	.475	.531	.554	.445
USED COEF. VAR	.475	.531	.554	.445
MEAN/A	.1561	.1658	.2070	1.0000
RP10/A	.2553	.3173	.3603	1.5939
RP25/A	.3123	.3975	.4510	1.9382
RP50/A	.3537	.4584	.5173	2.1866
RP100/A	.3941	.5144	.5821	2.4289
RP1000/A	.5234	.7021	.7913	3.2052
RP10000/A	.6483	.8855	.9944	3.9547
PHP/A	1.2680	1.8656	1.9271	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLY MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85H ORDER 508 715 5788 11	STATION NAME MONTECITO WCO 325	ELEV 380	SEC 200	TYP 08	RNG LOT 04N 26W	8MM L S	LATITUDE 34.441	LONGITUDE 119.632	COUNTY CODE 42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.01	3.58	3.97	4.28	4.55	4.82	5.09	5.41	6.14	6.47	7.48	10.36	17.13
5	4.49	5.60	6.31	6.83	7.23	7.76	8.33	8.76	9.75	10.19	11.60	16.07	24.87
10	5.47	7.00	7.90	8.53	8.99	9.72	10.56	11.08	12.20	12.71	14.40	20.02	29.94
20	6.40	8.34	9.41	10.14	10.63	11.57	12.71	13.31	14.53	15.12	17.87	23.61	34.70
25	6.69	8.77	9.85	10.65	11.15	12.15	13.39	14.02	15.27	15.87	17.91	25.01	36.18
40	7.30	9.65	10.87	12.21	12.71	13.38	14.60	15.46	16.79	17.44	19.95	27.50	39.24
50	7.58	10.07	11.34	12.70	13.20	13.92	15.46	16.17	17.51	18.18	20.47	28.67	40.69
100	8.44	11.34	12.76	13.67	14.21	15.46	17.51	18.29	19.70	20.44	22.98	32.28	45.04
200	9.29	12.61	14.16	15.14	15.69	17.33	19.52	20.38	21.66	22.67	25.44	35.64	49.31
1000	11.22	15.49	17.34	18.46	19.03	21.15	24.12	25.15	26.77	27.73	31.01	43.97	58.94
10000	13.89	19.53	21.80	23.06	23.64	26.48	30.59	31.68	33.64	34.61	38.91	55.38	72.28
PMP	27.17	36.74	42.24	46.03	48.66	52.91	58.09	60.39	65.19	67.30	74.97	103.93	143.95
MEAN	3.344	4.098	4.537	4.888	5.114	5.488	5.924	6.274	7.013	7.372	8.476	11.031	16.755
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.889	2.016	1.981	1.946	1.926	1.876	1.864	1.880	1.849	1.773	1.659	1.327	1.254
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	6.209	8.761	6.130	5.039	4.613	5.671	7.219	7.478	7.127	6.729	6.153	4.670	4.509
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	0.240	12.340	13.020	13.160	13.470	14.080	16.180	19.740	20.670	21.170	23.230	31.140	44.780
NORMALIZED MAX	3.260	3.753	3.404	3.024	3.121	3.676	3.794	3.579	3.542	3.549	3.304	3.213	
CALC. COEF. VAR	.449	.536	.550	.561	.540	.552	.563	.566	.552	.528	.491	.495	.432
REGN. COEF. VAR	.475	.531	.554	.565	.565	.574	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.574	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1783	.2185	.2419	.2590	.2727	.2926	.3159	.3345	.3739	.3930	.4519	.6300	1.0000
RP10/A	.2917	.3732	.4210	.4550	.4792	.5193	.5631	.5910	.6503	.6778	.7678	1.0673	1.5965
RP25/A	.3569	.4675	.5270	.5676	.5943	.6480	.7137	.7473	.8139	.8463	.9548	1.3333	1.9290
RP50/A	.4041	.5366	.6045	.6493	.6773	.7421	.8245	.8622	.9334	.9694	1.0914	1.5289	2.1887
RP100/A	.4752	.6049	.6803	.7290	.7579	.8299	.9333	.9791	1.0504	1.0900	1.2251	1.7211	2.4015
RP1000/A	.5980	.8297	.9247	.9843	1.0145	1.1279	1.2862	1.3411	1.4275	1.4765	1.6581	2.3441	3.1428
RP10000/A	.7406	1.0414	1.1821	1.2308	1.2605	1.4118	1.6209	1.6988	1.7939	1.8559	2.0748	2.9528	3.8336
PMP/A	1.4487	1.9588	2.2560	2.4544	2.5837	2.8210	3.0970	3.2196	3.4758	3.5865	3.9971	5.5415	7.0750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85H ORDER 508 715 7859 50	STATION NAME SAN MARCOS PASS TENNEY	ELEV 3430	SEC 22	TYP 05N	RNG LOT 26W	8MM S	LATITUDE 34.800	LONGITUDE 119.617	COUNTY CODE 42
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	50	100	300	W YR		
2	4.79	5.83	6.33	7.21	8.67	11.45	24.96		
5	7.14	9.12	10.05	11.50	13.78	16.47	36.56		
10	9.71	11.40	12.58	14.37	17.13	23.14	44.56		
20	10.19	13.59	14.99	17.08	20.27	27.55	52.24		
25	10.65	14.28	15.75	17.93	21.25	28.93	54.87		
40	11.61	15.72	17.33	19.68	23.27	31.79	59.72		
50	12.08	16.40	18.07	20.51	24.21	33.15	62.01		
100	13.46	18.48	20.33	23.02	27.09	37.22	69.41		
200	14.79	20.54	22.56	25.40	29.91	41.24	76.62		
1000	17.05	25.23	27.64	31.09	36.27	50.35	93.09		
10000	22.11	31.82	36.74	36.87	45.09	63.02	114.27		
PMP	43.24	59.85	67.32	77.51	92.36	125.93	214.62		
MEAN	5.322	6.676	7.230	8.181	9.748	13.083	27.964		
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.000	1.000		
CALCULATED SKEW	1.534	1.398	1.292	1.174	2.068	1.886	1.496		
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.800		
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.800		
KURTOSIS	6.692	4.933	4.217	3.528	8.167	7.223	5.178		
RECORD YEAR	1943	1943	1943	1943	1969	1969	1969		
RECORD MAXIMUM	11.820	16.670	17.390	20.450	35.080	40.550	64.630		
NORMALIZED MAX	2.775	2.667	2.426	2.362	3.393	3.476	3.074		
CALC. COEF. VAR	.440	.557	.579	.630	.723	.768	.605		
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.445		
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.445		
MEAN/A	.1903	.2388	.2586	.2925	.3486	.4471	1.0000		
RP10/A	.3114	.4078	.4500	.5139	.6120	.8275	1.5933		
RP25/A	.3909	.5108	.5633	.6410	.7597	1.0344	1.9569		
RP50/A	.4430	.5859	.6491	.7333	.8658	1.1847	2.2207		
RP100/A	.4808	.6610	.7272	.8233	.9689	1.3312	2.4820		
RP1000/A	.6383	.9022	.9884	1.1116	1.2968	1.8006	3.3280		
RP10000/A	.7966	1.1380	1.2482	1.3900	1.6115	2.2538	4.1583		
PMP/A	1.6464	2.1404	2.4072	2.7719	3.3028	4.8933	7.6750		

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	8W	LATITUDE	LONGITUDE	COUNTY CODE
T15 7859 65	SAN MARCOS PASS TROUT CLB	1200	27	05N 26W	S	34.483	119.800	42	

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	W YR
2	3.78	4.69	5.45	22.47
5	5.64	7.35	8.65	32.72
10	6.88	9.19	10.83	39.56
20	6.05	10.95	12.90	44.02
25	6.41	11.51	13.56	46.04
40	9.17	12.67	14.91	52.24
50	9.53	13.21	15.55	54.20
100	14.49	17.50	20.21	66.10
200	11.66	16.54	19.42	66.10
1000	14.10	20.33	23.79	79.45
10000	17.46	25.84	29.89	98.03
PMP	34.16	46.22	57.93	196.24

MEAN	4.204	5.379	6.223	24.787
CLOCK MR. CDR.	1.070	1.070	1.070	1.070
CALCULATED SKEW	1.034	1.272	1.076	1.164
REGIONAL SKEW	1.300	1.500	1.400	1.300
SKEW USED	1.300	1.500	1.400	1.300

KURTOSIS	8.358	5.140	4.086	3.434
N	21	21	21	21
RECORD YEAR	1969	1969	1969	1969
RECORD MAXIMUM	9.500	11.480	13.180	62.140
NORMALIZED MAX	2.054	2.442	2.160	2.343
CALC. COEF. VAR	.475	.463	.516	.471
REGION. COEF. VAR	.475	.531	.554	.445
USED COEF. VAR	.475	.531	.554	.445

MEAN/A	.1696	.2170	.2510	1.0000
RP10/A	.2775	.3706	.4369	1.5959
RP25/A	.3394	.4642	.5470	1.9382
RP50/A	.3844	.5531	.6273	2.1866
RP100/A	.4283	.6007	.7060	2.4289
RP1000/A	.5688	.8200	.9597	3.2052
RP10000/A	.7045	1.0342	1.2080	3.9547
PMP/A	1.3760	1.9453	2.3372	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	8W	LATITUDE	LONGITUDE	COUNTY CODE
T15 7902 0	SANTA BARBARA	404	100	04N 27W	S	34.417	119.700	42	

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.87	3.43	3.61	3.97	4.27	4.44	4.65	5.07	5.73	6.14	7.52	9.94	16.33
5	4.26	5.37	6.05	6.78	7.15	7.41	8.22	9.09	9.67	11.04	15.43	23.71	
10	5.22	6.71	7.50	8.43	8.95	9.85	10.40	11.38	12.07	14.47	19.21	28.54	
20	6.10	8.00	9.03	9.40	9.97	10.65	11.61	12.49	13.56	14.35	17.16	22.65	33.07
25	6.38	8.41	9.48	9.87	10.45	11.19	12.23	13.15	14.24	15.07	18.00	24.00	34.49
40	6.96	9.25	10.43	10.84	11.44	12.30	13.53	14.53	15.67	16.58	19.75	26.40	37.41
50	7.23	9.65	10.68	11.29	11.91	12.81	14.13	15.18	16.33	17.26	20.57	27.52	38.77
100	8.05	10.80	12.24	12.68	13.33	14.40	16.00	17.17	18.38	19.41	23.10	30.98	42.94
200	8.96	12.09	13.56	14.04	14.71	15.95	17.84	19.13	20.39	21.52	25.58	34.40	47.00
1000	10.70	14.05	16.64	17.12	17.64	19.47	22.05	23.61	24.98	26.33	31.22	42.20	56.19
10000	13.25	18.73	20.91	21.41	22.16	24.38	27.94	29.91	31.39	33.05	39.11	53.18	68.90
PMP	25.91	35.22	40.52	42.69	46.43	48.71	53.09	56.70	60.62	63.90	75.35	99.76	137.22

MEAN	3.189	3.929	4.353	4.805	4.794	5.053	5.415	5.882	6.543	6.999	8.519	11.356	17.879
CLOCK MR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.294	1.093	1.077	1.095	1.081	1.309	1.224	1.011	1.088	1.122	1.242	1.131	1.136
REGIONAL SKEW	1.300	1.500	1.500	1.500	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.500	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200

KURTOSIS	4.854	4.244	3.994	4.121	4.007	4.959	4.746	3.921	4.532	4.308	3.996	3.842	4.388
N	78	78	78	78	78	77	77	78	75	75	78	78	78
RECORD YEAR	1914	1943	1943	1943	1962	1969	1969	1962	1962	1969	1938	1941	
RECORD MAXIMUM	6.950	9.080	10.910	11.310	13.230	14.260	14.270	17.270	17.330	20.310	27.810	45.250	
NORMALIZED MAX	2.309	3.038	3.236	3.108	2.834	3.327	3.414	2.864	3.447	3.094	2.762	2.906	3.538
CALC. COEF. VAR	.422	.431	.465	.457	.480	.486	.479	.476	.476	.498	.499	.433	
REGION. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445

MEAN/A	.1764	.2197	.2435	.2520	.2682	.2826	.3020	.3290	.3660	.3914	.4765	.6352	1.0000
RP10/A	.2918	.3753	.4237	.4426	.4713	.5006	.5399	.5817	.6365	.6750	.8096	1.0747	1.5905
RP25/A	.3570	.4701	.5216	.5421	.5844	.6258	.6843	.7357	.7966	.8429	1.0087	1.3425	1.9290
RP50/A	.4043	.5398	.6084	.6310	.6661	.7167	.7905	.8669	.9135	.9655	1.1500	1.5394	2.1607
RP100/A	.4504	.6083	.6847	.7091	.7453	.8053	.8949	.9601	1.0280	1.0855	1.2918	1.7330	2.4015
RP1000/A	.5962	.8304	.9307	.9578	.9977	1.0692	1.2332	1.3208	1.3971	1.4724	1.7482	2.3004	3.1426
RP10000/A	.7409	1.0474	1.1896	1.1973	1.2397	1.3634	1.5637	1.6731	1.7557	1.8463	2.1877	2.9732	3.8836
PMP/A	1.4492	1.9700	2.2668	2.3875	2.5466	2.7243	2.9694	3.1716	3.4017	3.5739	4.2147	5.5790	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 715 8415 0	STATION NAME SOUTH PORTAL 231	ELEV 392	SEC 1950	33 05N	12 07W	8MM 5	LATITUDE 34+457	LONGITUDE 119+700	COUNTY CODE 42				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.06	4.81	5.45	5.82	6.29	6.71	7.18	7.55	8.61	9.00	10.74	14.86	24.44
5	6.05	7.53	8.64	9.29	10.00	10.80	11.74	12.25	13.67	14.17	16.67	23.05	35.49
10	7.37	9.41	10.83	11.60	12.43	13.32	14.49	15.49	17.11	17.68	20.69	28.71	42.73
20	8.63	11.22	12.91	13.79	14.71	15.62	16.92	18.61	20.38	21.02	24.53	33.15	49.52
25	9.02	11.79	13.58	14.47	15.42	16.40	18.08	19.90	21.41	22.07	25.73	35.87	51.63
40	9.83	12.98	14.92	15.89	16.89	18.07	20.07	21.64	23.55	24.25	28.24	39.45	58.05
50	10.21	13.53	15.55	16.56	17.57	19.36	21.80	22.61	24.56	25.28	29.41	41.13	58.05
100	11.30	15.25	17.50	18.59	19.60	21.75	24.68	25.57	27.64	28.42	33.02	46.30	64.28
200	12.52	16.95	19.42	20.58	21.71	24.10	27.52	28.49	30.67	31.52	36.96	51.40	70.37
1000	15.11	20.82	23.79	25.10	26.32	29.42	34.01	35.17	37.58	38.56	44.53	63.06	84.12
10000	18.72	26.26	29.90	31.38	32.70	36.63	43.13	44.36	47.20	48.40	55.92	79.43	103.15
PMP	36.61	49.39	57.95	62.58	67.03	73.58	81.90	84.46	91.45	93.58	107.72	140.97	205.44

MEAN	4.506	5.509	6.224	6.605	7.074	7.633	8.353	8.762	9.839	10.250	12.179	16.969	26.767
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.661	2.256	1.716	1.501	1.342	1.697	2.240	2.148	1.950	2.133	1.743	1.424	1.212
REGIONAL SKEW	1.309	1.500	1.400	1.300	1.200	1.300	1.500	1.400	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	6.803	8.822	6.115	5.028	4.255	5.926	9.384	8.814	7.762	8.772	6.811	5.406	4.016
N	35	35	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1969	1941
RECORD MAXIMUM	10.820	16.860	17.710	18.080	18.280	23.080	31.710	31.710	33.130	34.610	36.440	47.770	50.520
NORMALIZED MAX	2.673	3.277	3.173	2.782	2.494	3.922	3.467	3.467	3.831	3.831	3.691	3.818	2.653
CALC. COEF. VAR	.523	.629	.615	.624	.635	.662	.711	.601	.646	.620	.555	.542	.447
REGION. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445

MEAN/A	1.683	2.058	2.325	2.468	2.643	2.852	3.121	3.273	3.676	3.829	4.550	6.340	1.0000
RP10/A	.2754	.3515	.4047	.4344	.4644	.5051	.5563	.5781	.6393	.6604	.7731	1.0726	1.5965
RP25/A	.3369	.4404	.5066	.5407	.5760	.6312	.7052	.7319	.8000	.8245	.9613	1.3400	1.9250
RP50/A	.3816	.5056	.5811	.6185	.6564	.7232	.8146	.8446	.9175	.9445	1.0988	1.5365	2.1687
RP100/A	.4251	.5698	.6539	.6944	.7346	.8126	.9221	.9553	1.0325	1.0619	1.2335	1.7297	2.4015
RP1000/A	.5646	.7776	.8880	.9376	.9832	1.0992	1.2708	1.3126	1.4032	1.4404	1.6874	2.3551	3.1426
RP10000/A	.6993	.9810	1.1171	1.1725	1.2218	1.3758	1.6114	1.6446	1.7633	1.8081	2.0890	2.9076	3.8536
PMP/A	1.3678	1.8452	2.1648	2.3380	2.5041	2.7491	3.0598	3.1555	3.4651	3.4962	4.0245	5.5693	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U02 1558 12	STATION NAME CASITAS RANCH 4		ELEV 524	SEC 400	TWP 06	RNG LOT 03N 23W D	8MM 5	LATITUDE 34+369	LONGITUDE 119+337	COUNTY CODE 56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.74	4.50	5.03	5.46	5.83	6.10	6.56	6.95	7.83	8.36	9.69	13.22	20.50
5	5.56	7.02	7.96	8.68	9.22	9.77	10.40	11.13	12.28	13.00	14.80	20.22	29.57
10	6.75	8.73	9.92	10.79	11.40	12.16	13.25	13.87	15.14	15.99	18.03	24.73	35.31
20	7.87	10.36	11.76	12.77	13.43	14.44	15.72	16.43	17.80	18.76	21.00	28.91	40.59
30	8.22	10.88	12.34	13.38	14.06	15.14	16.50	17.28	18.63	19.62	21.92	30.21	42.22
40	8.64	11.94	13.54	14.66	14.37	16.50	18.09	18.89	19.03	20.05	23.61	30.05	45.58
50	9.27	12.44	14.10	15.25	15.97	17.27	18.84	19.66	21.12	22.23	24.69	34.14	47.14
100	10.30	13.98	15.92	17.07	17.80	19.34	21.12	22.02	23.53	24.75	27.36	37.84	51.87
200	11.30	15.49	17.51	18.84	19.60	21.37	23.34	24.33	25.88	27.20	29.94	41.84	56.46
1000	13.56	18.92	21.32	22.85	23.62	25.94	28.36	29.53	31.16	32.71	35.72	49.95	66.71
10000	16.69	23.72	26.64	28.39	29.16	32.26	35.32	36.73	38.43	40.29	43.62	61.38	80.75
PMP	33.52	45.78	53.01	58.19	61.48	66.28	72.66	75.44	80.81	84.53	93.76	128.09	169.75

MEAN	4.128	5.106	5.694	6.141	6.489	6.874	7.413	7.826	8.694	9.256	10.660	14.580	22.110
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.135	1.582	1.912	1.812	1.684	1.712	1.818	1.818	1.741	1.741	1.741	1.329	1.150
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000	1.000
KURTOSIS	6.590	7.896	8.248	7.045	6.329	6.173	7.335	7.178	6.539	6.432	5.341	4.656	3.603
N	42	42	42	42	42	42	42	42	42	42	42	42	43
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1962	1962	1969	1969	1941
RECORD MAXIMUM	10.250	15.270	18.270	18.930	18.930	19.730	23.080	24.460	25.430	27.010	29.250	39.550	48.020
NORMALIZED MAX	3.029	3.512	3.668	3.287	3.167	2.914	3.437	3.398	3.197	3.351	3.201	3.201	2.600
CALC. COEF. VAR	.490	.567	.602	.634	.609	.642	.646	.626	.602	.601	.550	.535	.450
REGION. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A	1.865	2.309	2.574	2.777	2.934	3.168	3.352	3.538	3.931	4.186	4.793	6.592	1.0000
RP10/A	.3053	.3947	.4484	.4879	.5156	.5507	.5989	.6270	.6846	.7228	.8152	1.1180	1.5965
RP25/A	.3715	.4917	.5581	.6051	.6358	.6845	.7459	.7793	.8421	.8672	.9913	1.3660	1.9090
RP50/A	.4192	.5625	.6367	.6897	.7218	.7809	.8518	.8891	.9549	1.0056	1.1184	1.5436	2.1312
RP100/A	.4655	.6319	.7152	.7717	.8055	.8745	.9508	.9877	1.0640	1.0969	1.2319	1.7153	2.3550
RP1000/A	.6131	.8255	.9441	1.0330	1.0800	1.1727	1.2824	1.3351	1.4490	1.4769	1.6724	2.2582	3.0163
RP10000/A	.7546	1.0726	1.2043	1.2836	1.3165	1.4084	1.5967	1.6607	1.7375	1.8217	1.9724	2.7753	3.6508
PMP/A	1.5154	2.0697	2.3966	2.6398	2.7797	2.9958	3.2862	3.4108	3.6537	3.8217	4.2390	5.7913	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER U02 2399 0	STATION NAME DENNISON RANCH 64	ELEV 540	SEC 1250	TWP 17	RNG LOT 04N 22W A	BWM S	LATITUDE 34.422	LONGITUDE 119.196	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.50	4.38	4.96	5.30	5.72	5.93	6.21	6.71	7.60	8.08	9.50	12.67	19.62
5	5.20	6.84	7.85	8.42	9.05	9.50	10.02	10.76	11.92	12.97	14.31	19.37	28.30
10	6.31	8.51	9.78	10.46	11.19	11.84	12.52	13.41	14.78	15.46	17.67	23.69	33.79
20	7.35	10.10	11.50	12.37	13.18	14.03	14.87	15.89	17.28	18.15	20.59	27.78	36.89
25	7.68	10.60	12.17	12.97	13.80	14.71	15.60	16.64	16.08	18.98	21.49	28.95	40.41
40	8.35	11.64	13.35	14.21	14.11	16.13	17.11	18.20	18.47	19.39	23.34	29.56	43.62
50	8.66	12.12	13.74	14.68	15.18	16.40	17.47	18.50	18.80	20.50	24.00	32.71	45.11
100	9.62	13.62	15.60	16.54	17.48	18.80	19.96	21.29	22.84	23.94	26.81	36.35	49.64
200	10.50	15.09	17.26	18.26	19.24	20.77	22.07	23.52	25.13	26.31	29.38	39.89	54.03
1000	12.67	18.44	21.02	22.14	23.19	25.21	26.82	28.55	30.25	31.64	35.01	47.85	63.89
10000	15.60	23.12	26.26	27.52	28.63	31.36	33.39	35.51	37.30	38.98	42.76	58.81	77.28
PHP	31.32	44.61	52.25	56.40	60.35	64.40	68.71	72.93	78.44	81.76	91.90	122.72	162.46
MEAN	3.855	4.976	5.613	5.992	6.369	6.688	7.008	7.565	8.439	8.958	10.390	13.969	21.168
CLOCK HR. COR.	1.140	1.070	1.048	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.243	1.395	1.556	1.401	1.027	1.046	1.184	1.304	1.183	1.101	1.247	1.380	.874
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.507	4.767	4.186	3.559	3.461	3.559	4.207	4.551	4.084	3.491	4.228	4.589	3.270
N	67	68	69	69	69	69	69	69	69	70	70	70	70
RECORD YEAR	1914	1914	1918	1918	1918	1969	1969	1969	1969	1969	1914	1969	1914
RECORD MAXIMUM	8,920	12,920	14,500	14,500	15,760	17,450	20,850	22,350	23,500	23,790	27,960	40,170	66,260
NORMALIZED MAX	2.732	2.961	2.826	2.559	2.637	2.852	3.396	3.310	3.150	2.958	2.953	3.353	2.638
CALC. COEF. VAR	.481	.539	.500	.561	.569	.565	.582	.589	.548	.560	.573	.549	.449
REGION. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A	.1821	.2351	.2651	.2812	.3009	.3156	.3311	.3574	.3987	.4231	.4908	.6599	1.0000
RP10/A	.2980	.4019	.4618	.4941	.5289	.5593	.5916	.6333	.6943	.7305	.8349	1.1192	1.5905
RP25/A	.3027	.5007	.5748	.6128	.6521	.6951	.7368	.7871	.8541	.8967	1.0152	1.3075	1.7070
RP50/A	.4093	.5728	.6508	.6904	.7403	.7930	.8415	.8966	.9686	1.0158	1.1434	1.5452	2.1312
RP100/A	.4548	.6434	.7368	.7815	.8256	.8801	.9431	1.0057	1.0792	1.1308	1.2607	1.7171	2.3450
RP1000/A	.5986	.8710	.9930	1.0661	1.0954	1.1969	1.2688	1.3485	1.4291	1.4947	1.6540	2.2606	3.0163
RP10000/A	.7367	1.0922	1.2405	1.2999	1.3523	1.4813	1.5773	1.6774	1.7623	1.8413	2.0200	2.7793	3.6508
PHP/A	1.4795	2.1974	2.4885	2.6642	2.8510	3.0423	3.2466	3.4452	3.7058	3.8626	4.3414	5.7975	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U02 4568 51			STATION NAME KINGSTON RESERVOIR		ELEV 122	SEC 840	TWP 29	RNG LOT 03N 19W K	BWM S	LATITUDE 34.315	LONGITUDE 118.867	COUNTY CODE 56		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	YEAR
2		3.24	3.71	4.14	4.43	4.67	4.90	5.12	5.51	6.26	6.65	7.57	10.30	16.18
5		4.63	5.81	6.58	7.07	7.41	7.88	8.38	8.94	9.94	10.47	11.74	15.98	23.49
10		5.89	7.26	8.23	8.83	9.21	9.87	10.62	11.43	13.06	14.57	19.91	28.29	
20		6.89	8.66	9.81	10.49	10.90	11.75	12.76	13.58	14.81	15.53	17.27	23.68	32.78
25		7.20	9.10	10.30	11.61	11.43	12.34	13.47	14.30	15.56	16.31	18.12	24.87	34.18
40		7.85	10.02	11.33	12.09	12.52	13.56	14.89	15.80	17.11	17.92	19.88	27.36	37.07
50		8.18	10.45	11.82	12.59	13.02	14.13	15.56	16.50	17.84	18.68	20.71	28.92	38.43
100		9.09	11.77	13.30	14.14	14.57	15.86	17.61	18.67	20.08	21.00	23.25	32.11	42.55
200		10.00	13.08	14.76	15.66	16.09	17.59	19.64	20.60	22.28	23.29	25.75	35.65	46.58
1000		12.07	16.97	18.06	19.99	19.51	21.48	24.27	25.66	27.29	28.49	31.43	43.73	55.68
10000		14.95	20.27	22.72	23.87	24.24	26.89	30.77	32.53	34.29	35.76	39.38	55.09	68.26
PHP		29.23	38.13	44.02	47.61	49.66	53.72	58.43	61.66	66.45	69.15	75.86	103.38	135.99
MEAN		3.598	4.253	4.728	5.025	5.243	5.573	5.960	6.396	7.148	7.574	8.676	11.768	17.719
CLOCK HR. COR.		1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW		1.052	1.560	1.304	1.336	1.332	1.288	1.465	1.330	1.510	1.372	1.291	.966	.842
REGIONAL SKEW		1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.400	1.400	1.400	1.400	1.500	1.200
SKEW USED		1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.400	1.400	1.400	1.400	1.500	1.200
KURTOSIS		4.410	6.416	4.673	4.466	4.544	4.167	4.959	4.649	5.402	4.851	4.494	3.602	3.530
N		35	35	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR		1943	1943	1943	1962	1962	1962	1969	1969	1962	1962	1969	1969	1941
RECORD MAXIMUM		7,770	12,220	13,130	13,610	14,460	14,460	16,930	17,760	20,590	20,320	21,084	27,750	38,190
NORMALIZED MAX		3.210	2.989	2.647	2.700	2.410	2.787	2.749	2.935	2.785	2.710	2.679	2.428	2.238
CALC. COEF. VAR		.471	.584	.611	.661	.691	.689	.668	.646	.627	.604	.538	.507	.438
REGION. COEF. VAR		.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR		.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A		.2031	.2400	.2669	.2836	.2959	.3145	.3363	.3610	.4034	.4275	.4894	.6641	1.0000
RP10/A		.3322	.4106	.4645	.4981	.5266	.5571	.5912	.6282	.7017	.7372	.8184	1.1757	1.5982
RP25/A		.4004	.5136	.5914	.6271	.6649	.6965	.7600	.8071	.8781	.9204	1.0226	1.4038	1.9299
RP50/A		.4602	.5897	.6669	.7106	.7350	.7976	.8780	.9313	1.0071	1.0543	1.1689	1.6097	2.1687
RP100/A		.5126	.6648	.7505	.7981	.8225	.8963	.9939	1.0534	1.1333	1.1854	1.3122	1.6121	2.4015
RP1000/A		.6810	.9971	1.0201	1.0776	1.1010	1.2123	1.3696	1.4491	1.5402	1.6079	1.7338	2.4451	3.1424
RP10000/A		.8435	1.1441	1.2820	1.3474	1.3681	1.5174	1.7387	1.8397	1.9354	2.0184	2.2223	3.1090	3.9536
PHP/A		1.6498	2.1519	2.4845	2.6669	2.8038	3.0321	3.2979	3.4798	3.7500	3.9028	4.2812	5.8345	7.6780

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U02 5408 1	STATION NAME MATILJA DAM	ELEV 1040	SEC 1040	TWP 1040	RNG LOT 1040	BWM 1040	LATITUDE 34.484	LONGITUDE 119.307	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.97	5.11	5.60	6.07	6.51	6.52	6.93	7.37	8.53	9.39	11.37	14.77	22.42
5	5.90	7.98	8.87	9.64	10.29	10.45	11.19	11.81	13.69	14.60	17.36	22.59	32.34
10	7.16	9.92	11.04	11.98	12.73	13.03	13.96	14.72	16.88	17.96	21.15	27.63	38.61
20	8.34	11.78	13.10	14.17	14.99	15.44	16.59	17.45	19.85	21.08	24.64	32.31	44.38
25	8.71	12.36	13.75	14.86	15.69	16.19	17.41	18.30	20.77	22.05	25.71	33.76	46.17
40	9.48	13.57	15.08	16.27	16.94	17.75	19.10	20.06	21.22	22.52	27.93	34.47	49.84
50	9.83	14.14	15.71	16.93	17.82	18.47	19.88	20.88	23.55	24.97	28.96	38.15	51.54
100	10.92	15.89	17.62	18.95	19.87	20.49	22.29	23.38	26.24	27.46	32.09	42.39	56.72
200	11.98	17.60	19.50	20.92	21.87	22.85	24.63	25.83	28.88	30.56	35.12	46.52	61.73
1000	14.38	21.51	23.75	25.36	26.36	27.74	29.93	31.35	34.75	36.75	41.90	55.81	72.95
10000	17.70	26.97	29.67	31.52	32.55	34.56	37.27	39.38	42.85	45.27	51.17	68.59	88.30
PMP	35.55	52.03	59.03	64.60	68.61	70.86	76.70	80.09	90.10	94.96	109.97	143.12	185.62
MEAN	4.375	5.804	6.341	6.818	7.241	7.351	7.823	8.308	9.694	10.401	12.433	16.291	24.185
CLOCK HR. COR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.057	1.389	1.428	1.259	1.145	1.177	1.032	1.056	.778	.738	.933	.947	.742
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.290	5.714	5.380	4.207	4.071	4.452	3.752	3.735	2.810	2.841	3.448	3.487	2.874
N	58	60	59	59	61	62	60	61	62	62	61	62	69
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	9.560	17.560	19.680	19.680	20.150	20.780	20.850	22.280	22.750	26.250	34.000	43.500	50.750
NORMALIZED MAX	2.595	3.536	3.662	3.028	3.062	3.264	3.036	3.060	2.455	2.766	3.125	3.144	2.566
CALC. COEF. VAR	.457	.573	.607	.623	.582	.580	.548	.550	.551	.551	.555	.531	.428
REGION. COEF. VAR	.475	.531	.554	.565	.565	.557	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A	.1809	.2400	.2622	.2819	.2994	.3039	.3235	.3435	.4008	.4301	.5141	.6736	1.0000
RP10/A	.2961	.4103	.4567	.4954	.5263	.5386	.5780	.6088	.6980	.7426	.8744	1.1424	1.5965
RP25/A	.3803	.5111	.5686	.6144	.6489	.6694	.7198	.7566	.8587	.9116	1.0632	1.3958	1.9690
RP50/A	.4909	.6588	.7284	.7802	.8167	.8377	.8921	.9332	.10832	.11375	1.5773	2.3432	
RP100/A	.6515	.8869	.9786	.1055	.1121	.1165	.1294	.1365	.1495	.1627	1.7527	2.3450	
RP1000/A	.9546	.8892	.9820	1.0488	1.0900	1.1469	1.2377	1.2963	1.4367	1.5194	1.7323	2.3075	3.0163
RP10000/A	.7319	1.1150	1.2266	1.3032	1.3457	1.4266	1.5410	1.6124	1.7717	1.8717	2.1156	2.8358	3.6508
PMP/A	1.4697	2.1514	2.4409	2.6710	2.8369	2.9300	3.1715	3.3116	3.7255	3.9265	4.5468	5.9177	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U02 6399 0	STATION NAME OJAI	ELEV 750	SEC 12	TWP 23W	RNG LOT 23W C	BWM S	LATITUDE 34.447	LONGITUDE 119.242	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.48	4.26	4.80	5.12	5.42	5.70	6.18	6.56	7.45	8.03	9.48	12.60	19.57
5	5.16	6.65	7.60	8.13	8.58	9.13	9.98	10.51	11.68	12.49	14.47	19.28	26.22
10	6.27	8.27	9.47	10.11	10.61	11.37	12.47	13.09	14.40	15.38	17.63	23.57	32.70
20	7.31	9.82	11.23	11.96	12.49	13.48	14.80	15.52	16.93	18.03	20.54	27.58	38.74
25	7.63	10.30	11.78	12.53	13.08	14.13	15.52	16.27	17.71	18.85	21.44	28.80	40.29
40	8.30	11.31	12.93	13.73	13.36	15.49	17.03	17.83	18.10	19.26	23.29	29.41	43.50
50	8.61	11.79	13.46	14.29	14.85	16.13	17.73	18.58	20.09	21.36	24.15	32.55	44.99
100	9.56	13.24	15.10	15.99	16.56	18.06	19.87	20.79	22.38	23.78	26.76	36.17	49.50
200	10.49	14.67	16.71	17.65	18.22	19.95	21.97	22.97	24.62	26.13	29.28	39.69	53.88
1000	12.59	17.92	20.35	21.40	21.97	24.22	26.69	27.88	29.64	31.43	34.93	47.61	63.67
10000	15.50	22.47	25.42	26.59	27.12	30.12	33.23	34.68	36.55	38.71	42.66	58.52	77.06
PMP	31.13	43.36	50.59	54.49	57.17	61.87	68.40	71.22	76.86	81.21	91.70	122.11	162.00
MEAN	3.831	4.837	5.434	5.751	6.034	6.418	6.976	7.388	8.268	8.895	10.367	13.899	21.108
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.401	1.329	1.306	1.201	1.088	1.385	1.770	1.653	1.572	1.666	1.523	1.696	1.306
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.718	4.717	4.478	3.833	3.445	4.617	6.581	6.038	6.135	5.034	5.900	3.865	
RECORD YEAR	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD MAXIMUM	1938	1943	1943	1943	1962	1969	1969	1969	1969	1969	1969	1969	1969
NORMALIZED MAX	7.900	12.390	14.300	14.300	14.570	10.170	23.400	23.690	25.470	27.800	29.380	40.910	47.230
CALC. COEF. VAR	2.124	2.718	2.722	2.422	2.276	2.662	3.350	3.277	3.417	2.993	3.209	2.386	
REGION. COEF. VAR	.500	.575	.599	.614	.621	.640	.674	.666	.635	.622	.613	.605	.519
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A	.1815	.2291	.2575	.2725	.2859	.3040	.3305	.3500	.3917	.4214	.4911	.6585	1.0000
RP10/A	.2971	.3918	.4485	.4786	.5025	.5388	.5905	.6203	.6822	.7277	.8354	1.1168	1.5965
RP25/A	.3614	.4886	.5582	.5922	.6196	.6685	.7359	.7692	.8487	.8917	1.0198	1.3645	1.9690
RP50/A	.4079	.5583	.6378	.6768	.7034	.7640	.8400	.8795	.9517	1.0118	1.1441	1.5419	2.1312
RP100/A	.4530	.6272	.7155	.7573	.7844	.8556	.9415	.9805	1.0604	1.1264	1.2675	1.7134	2.3450
RP1000/A	.5966	.8491	.9643	1.0137	1.0407	1.1473	1.2846	1.3208	1.4041	1.4869	1.6550	2.2557	3.0163
RP10000/A	.734	1.0848	1.2045	1.2556	1.2849	1.4271	1.7445	1.8429	2.0145	2.1213	2.4213	3.2722	4.6504
PMP/A	1.4747	2.0543	2.3970	2.5816	2.7087	2.9310	3.2405	3.3742	3.6411	3.8475	4.3442	5.7849	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U02 6399 1	STATION NAME OJAI-MALLORY	ELEV 29	SEC 750	TWP 01	RNG LOT 04N 23W N	BWM 5	LATITUDE 34.450	LONGITUDE 119.246	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	YEAR
2	3.04	3.71	4.22	4.62	5.00	5.16	5.43	5.76	6.53	7.00	8.20	10.83	16.76
5	4.54	5.82	6.78	7.37	7.95	8.30	8.89	9.34	10.37	11.02	12.72	16.86	24.34
10	5.83	7.27	8.39	9.21	9.88	10.40	11.27	11.82	12.98	13.75	15.79	20.92	29.31
20	6.47	8.67	9.99	10.94	11.69	12.38	13.57	14.19	15.46	16.34	18.71	24.89	33.96
25	6.77	9.11	10.50	11.49	12.26	13.00	14.29	14.95	16.24	17.16	19.63	26.14	35.41
40	7.38	10.03	11.55	12.61	13.42	14.29	15.86	16.51	17.86	18.66	21.54	28.61	39.09
50	7.67	10.46	12.04	13.14	13.97	14.89	16.51	17.24	18.62	19.66	22.44	29.97	39.81
100	8.54	11.78	13.55	14.75	15.63	16.73	18.69	19.50	20.96	22.10	25.19	33.74	44.09
200	9.40	13.09	15.04	16.34	17.25	18.54	20.84	21.74	23.26	24.51	27.90	37.46	46.27
1000	11.34	16.09	18.42	19.92	20.92	22.63	25.75	26.83	28.48	29.98	34.05	45.96	57.69
10000	14.05	20.49	23.15	24.91	26.00	28.33	32.66	33.99	35.79	37.64	42.66	57.48	70.75
PMP	27.48	38.16	44.86	49.68	53.28	56.60	62.01	64.43	69.35	72.77	82.19	108.64	140.90
MEAN	3.382	4.257	4.819	5.243	5.624	5.872	6.325	6.684	7.461	7.971	9.293	12.366	18.359
CLOCK HR. COR.	1.140	1.070	1.040	1.030	1.020	1.020	1.010	1.010	1.010	1.010	1.008	1.000	1.000
CALCULATED SKEW	1.785	1.926	1.135	1.039	0.892	0.864	1.003	1.044	1.083	1.101	1.088	1.062	1.020
REGIONAL SKEW USED	1.300	1.500	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	3.611	3.255	3.849	3.744	3.423	3.619	7.314	7.388	6.869	5.368	5.073	5.344	4.385
N	73	73	73	72	72	73	73	73	73	73	73	73	75
RECORD YEAR	1969	1907	1969	1962	1962	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	7.440	9.050	11.680	12.850	14.050	14.760	21.770	23.110	24.520	24.650	27.840	37.380	43.770
NORMALIZED MAX	2.468	2.335	2.599	2.538	2.785	2.622	4.305	4.339	4.203	3.895	3.748	3.907	3.268
CALC. COEF. VAR	+4.82	+5.46	+5.50	+5.38	+5.36	+5.65	+5.66	+5.44	+5.37	+5.33	+5.17	+4.24	
REGN. COEF. VAR	+4.75	+5.31	+5.54	+5.65	+5.65	+5.76	+5.87	+5.76	+5.53	+5.42	+5.23	+5.19	+4.45
USED COEF. VAR	+4.75	+5.31	+5.54	+5.65	+5.65	+5.76	+5.87	+5.76	+5.53	+5.42	+5.23	+5.19	+4.45
MEAN/A	1.842	2.319	2.625	2.856	3.063	3.198	3.445	3.641	4.064	4.342	5.082	6.736	1.0000
RP10/A	3.014	3.960	4.568	5.017	5.383	5.665	6.141	6.437	7.068	7.487	8.600	1.1397	1.5965
RP25/A	3.687	4.961	5.709	6.287	6.782	7.089	7.892	8.141	8.846	9.349	1.0594	1.4238	1.9595
RP50/A	4.176	5.696	6.559	7.159	7.608	8.111	8.992	9.393	1.0145	1.0708	1.2224	1.6327	2.1687
RP100/A	4.652	6.419	7.382	8.037	8.514	9.114	1.0180	1.0824	1.1417	1.2040	1.3722	1.8379	2.4015
RP1000/A	6.179	8.762	1.0033	1.0852	1.1396	1.2326	1.4028	1.4615	1.5516	1.6331	1.8550	2.5033	3.1426
RP10000/A	7.653	1.1051	1.2609	1.4161	1.5431	1.7788	1.8514	1.9497	2.0500	2.3240	3.1533	3.8536	
PMP/A	1.4969	2.0787	2.4436	2.7060	2.9023	3.0833	3.3778	3.5096	3.7777	3.9640	4.4771	5.9176	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U02 6095 1	STATION NAME SELBY SANTA ANA VLY 44	ELEV 660	SEC 13	TWP 04N	RNG LOT 24W M 5	BWM 5	LATITUDE 34.425	LONGITUDE 119.354	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.98	4.48	4.93	5.35	5.58	5.87	6.25	6.66	7.51	7.98	9.36	12.81	26.11
5	5.92	6.99	7.80	8.51	8.83	9.41	10.10	10.67	11.78	12.41	14.29	19.60	29.01
10	7.19	8.69	9.71	10.57	10.93	11.72	12.62	13.30	14.52	15.26	17.41	23.97	34.64
20	8.38	10.32	11.52	12.51	12.87	13.89	14.98	15.76	17.07	17.91	20.28	28.02	39.81
25	8.75	10.83	12.09	13.12	13.47	14.57	15.72	16.52	17.87	18.73	21.17	29.26	41.42
40	9.51	11.89	13.26	14.36	13.77	15.97	17.24	18.11	18.26	19.13	22.99	29.90	44.71
50	9.67	12.39	13.81	14.95	15.29	16.62	17.95	18.85	20.26	21.22	23.84	33.09	46.24
100	10.96	13.91	15.50	16.73	17.06	18.61	20.12	21.11	22.58	23.62	26.41	36.77	50.88
200	12.03	15.42	17.15	18.46	18.77	20.56	22.24	23.32	24.83	25.96	28.91	40.36	55.38
1000	14.44	18.84	20.89	22.39	22.63	24.96	27.02	28.31	29.89	31.22	34.49	48.41	65.44
PMP	35.68	45.58	51.92	57.02	58.90	63.76	67.72	72.33	77.52	80.68	90.32	124.16	166.51
MEAN	4.392	5.084	5.576	6.018	6.216	6.615	7.062	7.503	8.340	8.837	10.234	14.133	21.695
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.408	1.601	1.441	1.222	1.045	0.847	1.084	1.817	1.773	1.658	1.400	1.203	1.248
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.306	1.200	1.100	1.200	1.206	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	6.905	6.396	4.927	5.038	5.238	5.620	6.950	6.727	6.393	6.143	5.063	4.085	4.140
N	43	43	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1952	1943	1943	1962	1962	1969	1969	1969	1969	1969	1969	1969	1941
RECORD MAXIMUM	10.200	13.840	14.820	16.890	17.890	19.080	23.080	24.172	25.700	26.480	28.050	36.720	51.200
NORMALIZED MAX	2.800	3.222	2.868	3.000	3.203	3.023	3.520	3.345	3.464	3.475	3.249	3.083	2.934
CALC. COEF. VAR	+4.72	+5.35	+5.90	+6.02	+5.86	+6.22	+6.44	+6.27	+6.01	+5.74	+5.36	+5.18	+4.64
REGN. COEF. VAR	+4.75	+5.31	+5.54	+5.65	+5.65	+5.76	+5.87	+5.76	+5.53	+5.42	+5.23	+5.19	+4.45
USED COEF. VAR	+4.75	+5.31	+5.54	+5.65	+5.65	+5.76	+5.87	+5.76	+5.53	+5.42	+5.23	+5.19	+4.45
MEAN/A	2.024	2.243	2.250	2.274	2.285	2.304	2.355	2.358	2.384	2.403	2.417	2.514	1.0000
RP10/A	3.313	4.060	4.477	4.874	5.036	5.403	5.816	6.129	6.695	7.034	8.024	1.1048	1.5965
RP25/A	+0.32	+0.91	+0.572	+0.645	+0.629	+0.715	+0.744	+0.717	+0.826	+0.834	+0.957	1.3498	1.9090
RP50/A	+0.550	+0.710	+0.636	+0.690	+0.7050	+0.7661	+0.773	+0.890	+0.9339	+0.9780	+1.0989	1.5253	2.1312
RP100/A	+0.553	+0.614	+0.713	+0.770	+0.782	+0.858	+0.923	+0.932	+1.046	+1.0868	+1.217	1.6950	2.3450
RP1000/A	+0.654	+0.863	+0.927	+1.0319	+1.0431	+1.1505	+1.2455	+1.3050	+1.3779	+1.4391	+1.5896	2.2319	3.0180
RP10000/A	+0.919	+1.0887	+1.2025	+1.2823	+1.2877	+1.4310	+1.5508	+1.6232	+1.6992	+1.7728	+1.9414	2.7425	3.6508
PMP/A	1.6447	2.1008	2.3930	2.6281	2.7148	2.9391	3.1916	3.3338	3.5732	3.7169	4.1725	5.7229	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR U02 9265 0	STATION NAME VENTURA	ELEV 66	SEC 45	TWP 4S	RNG LOT 34.277	BWM 34.277	LATITUDE 119.291	LONGITUDE 36	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	YEAR
2	2.36	2.70	3.03	3.25	3.57	3.64	3.62	4.09	4.60	4.96	5.81	7.93	13.30
5	3.52	4.23	4.82	5.19	5.68	5.86	6.25	6.64	7.31	7.81	9.01	12.31	19.31
10	4.30	5.28	6.03	6.49	7.06	7.34	7.93	8.40	9.14	9.74	11.18	15.33	23.24
20	5.03	6.30	7.19	7.71	8.35	8.73	9.55	10.09	10.89	11.58	13.25	18.24	26.93
25	5.26	6.62	7.55	8.09	8.75	9.17	10.05	10.62	11.44	12.16	13.90	19.16	28.09
40	5.73	7.29	8.30	8.89	9.58	10.08	11.12	11.74	12.59	13.36	15.26	21.07	30.46
50	5.95	7.60	8.66	9.26	9.96	10.46	11.52	12.16	13.05	13.86	15.81	21.66	31.96
100	6.63	8.57	9.74	10.39	11.16	11.80	13.15	13.67	14.77	15.66	17.84	24.73	34.97
200	7.30	9.52	10.81	11.51	12.32	13.07	14.66	15.45	16.39	17.37	19.76	27.45	38.28
1000	8.81	11.69	13.24	14.03	14.94	15.96	18.12	19.07	20.07	21.24	24.12	33.68	45.76
10000	10.91	14.75	16.64	17.55	18.56	19.96	22.96	24.16	25.22	26.67	30.21	42.42	55.54
PMP	21.34	27.74	32.26	34.99	38.04	39.92	43.63	45.80	48.69	51.56	58.21	79.61	111.75
MEAN	2.627	3.094	3.465	3.693	4.015	4.141	4.450	4.751	5.258	5.648	6.581	9.062	14.540
CLOCK MR. COR.	1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	.968	1.213	1.014	.968	1.310	1.234	1.265	1.218	1.561	1.352	1.027	.842	.705
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.500	1.500	1.200
KURTOSIS	4.510	4.978	3.770	3.941	5.544	4.991	5.326	4.986	6.651	5.528	4.350	3.191	3.979
N	55	54	55	53	53	54	54	54	54	54	55	55	106
RECORD YEAR	1956	1943	1962	1962	1962	1962	1962	1962	1962	1962	1962	1941	1941
RECORD MAXIMUM	5.210	6.900	7.360	8.050	11.530	11.610	12.430	12.740	15.500	15.560	16.710	19.760	36.710
NORMALIZED MAX	2.553	2.858	2.240	2.945	3.567	3.418	3.453	3.389	3.873	3.635	3.395	2.511	3.351
CALC. COEF. VAR	.435	.430	.465	.474	.525	.528	.519	.496	.503	.483	.453	.470	.454
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A	.1804	.2125	.2380	.2537	.2757	.2844	.3056	.3263	.3611	.3879	.4520	.6224	1.0000
RP10/A	.2952	.3630	.4142	.4456	.4846	.5038	.5448	.5769	.6208	.6689	.7680	1.0531	1.5965
RP25/A	.3611	.4547	.5185	.5558	.6010	.6298	.6966	.7297	.7860	.8352	.9550	1.3156	1.9290
RP50/A	.4089	.5221	.5946	.6358	.6849	.7213	.7977	.8420	.9014	.9507	1.0916	1.5086	2.1687
RP100/A	.4556	.5883	.6692	.7139	.7664	.8105	.9030	.9523	1.0144	1.0757	1.2253	1.6983	2.4015
RP1000/A	.6051	.8031	.9097	.9639	1.0259	1.0963	1.2445	1.3101	1.3786	1.4591	1.6564	2.3130	3.1426
RP10000/A	.7494	1.0129	1.1432	1.2053	1.2748	1.3723	1.5780	1.6595	1.7324	1.8316	2.0752	2.9137	3.8536
PMP/A	1.4658	1.9051	2.2154	2.4034	2.6127	2.7420	2.9965	3.1458	3.3566	3.5415	3.9979	5.4688	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUR U03 179 10	STATION NAME AMERICAN CRYSTAL 3	ELEV 523	SEC 60	TWP 6S	RNG LOT	BWM 34.205	LATITUDE 119.068	LONGITUDE 56	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.15	2.58	2.97	3.23	3.39	3.55	3.75	3.97	4.58	4.89	5.88	7.69	12.12
5	3.19	4.02	4.70	5.13	5.36	5.68	6.05	6.37	7.18	7.60	8.98	11.77	17.48
10	3.88	5.00	5.85	6.37	6.63	7.08	7.57	7.94	8.86	9.35	10.94	14.39	20.86
20	4.52	5.94	6.94	7.54	7.81	8.39	8.98	9.40	10.42	10.97	12.74	16.83	24.00
25	4.72	6.23	7.28	7.90	8.17	8.80	9.42	9.86	10.90	11.47	13.30	17.58	24.96
40	5.13	6.95	7.99	8.65	8.93	9.65	10.34	10.81	11.14	11.72	14.44	19.95	26.95
50	5.32	7.13	8.32	9.00	9.28	10.04	10.76	11.25	12.36	13.00	14.98	19.87	27.87
100	5.91	8.01	9.33	10.08	10.35	11.24	12.06	12.60	13.77	14.47	16.59	22.08	30.66
200	6.49	8.88	10.32	11.12	11.39	12.42	13.33	13.92	15.15	15.90	18.16	24.23	33.38
1000	7.79	10.65	12.58	13.49	13.73	15.08	16.20	16.90	18.24	19.12	21.66	29.07	39.44
10000	9.59	13.60	15.71	16.76	16.95	18.76	20.17	21.02	22.49	23.56	26.46	35.72	47.74
PMP	19.25	26.2A	31.26	34.35	35.74	38.52	41.51	43.17	47.29	49.42	56.86	74.55	100.36
MEAN	2.369	2.927	3.358	3.625	3.772	3.996	4.234	4.478	5.088	5.413	6.429	8.486	13.076
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.867	.859	.988	.876	.820	.829	.899	.780	.719	.675	.870	.651	.964
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.195	3.503	4.074	3.609	3.585	3.415	3.465	3.116	2.798	2.650	3.532	2.691	5.026
N	67	68	67	67	68	68	68	68	68	68	68	68	68
RECORD YEAR	1956	1956	1956	1956	1962	1962	1969	1962	1962	1962	1918	1941	1941
RECORD MAXIMUM	4.500	6.500	8.500	8.800	8.600	9.100	9.690	9.960	11.470	11.690	13.590	17.750	33.430
NORMALIZED MAX	2.084	2.002	3.144	2.812	2.754	2.714	2.650	2.539	2.650	2.445	3.015	2.507	3.914
CALC. COEF. VAR	.432	.469	.487	.477	.465	.471	.480	.482	.473	.474	.473	.435	.398
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445
MEAN/A	.1812	.2239	.2568	.2772	.2885	.3056	.3238	.3424	.3891	.4140	.4917	.6489	1.0000
RP10/A	.2906	.3828	.4473	.4872	.5070	.5455	.5786	.6009	.6776	.7148	.8363	1.1000	1.5905
RP25/A	.3625	.4768	.5507	.6042	.6251	.6731	.7203	.7542	.8336	.8775	1.0169	1.3447	1.9909
RP50/A	.4072	.5455	.6361	.6886	.7097	.7679	.8230	.8605	.9452	.9939	1.1453	1.5195	2.1312
RP100/A	.4522	.6127	.7136	.7706	.7915	.8600	.9224	.9637	1.0532	1.1065	1.2689	1.6885	2.3450
RP1000/A	.6156	.8295	.9618	1.0314	1.0581	1.1531	1.2390	1.2822	1.3946	1.4626	1.6568	2.2230	3.0183
RP10000/A	.7331	1.0401	1.2014	1.2617	1.2964	1.4363	1.5426	1.6073	1.7198	1.8017	2.0234	2.7320	3.6588
PMP/A	1.4721	2.0070	2.3907	2.6268	2.7331	2.9459	3.1749	3.3012	3.6166	3.7796	4.3487	5.7010	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U03 506 11			STATION NAME BARSOALE YOUNG RANCH		ELEV 400	SEC	TWP	RNG	LOT	BWM	LATITUDE 34.365	LONGITUDE 118.945	COUNTY CODE 56	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	3.23	4.01	4.35	4.64	4.88	5.09	5.48	5.83	6.49	6.95	8.18	10.97	16.93	
5	4.80	6.26	6.88	7.38	7.71	8.16	8.85	9.34	10.18	10.81	12.49	16.78	24.42	
10	5.83	7.79	8.57	9.17	9.54	10.17	11.06	11.64	12.55	13.29	15.22	20.52	29.15	
20	6.79	9.24	10.17	10.85	11.24	12.05	13.13	13.80	14.75	15.60	17.73	23.99	33.51	
25	7.09	9.70	10.67	11.37	11.76	12.64	13.78	14.47	15.44	16.32	18.50	25.07	34.86	
40	7.71	10.65	11.71	12.46	12.82	13.85	15.11	15.86	16.77	17.67	20.10	25.59	37.63	
50	8.10	11.10	12.19	12.96	13.32	14.41	15.74	16.51	17.46	18.31	20.84	26.33	38.92	
60	8.89	12.47	13.60	14.50	14.90	16.15	17.64	18.49	19.51	20.58	23.09	31.48	42.82	
100	9.75	13.82	15.14	16.01	16.39	17.84	19.49	20.42	21.45	22.62	25.27	34.54	46.61	
200	11.70	16.88	18.44	19.41	19.76	21.65	23.69	24.79	25.83	26.70	30.14	41.44	55.08	
10000	14.41	21.17	23.03	24.12	24.40	28.93	29.49	30.84	31.85	33.51	36.81	50.93	66.67	
PMP	28.93	40.84	45.03	49.44	51.44	55.32	60.70	63.34	66.98	70.29	79.12	106.27	140.15	
MEAN	3.561	4.556	4.923	5.218	5.428	5.739	6.191	6.570	7.206	7.699	8.946	12.097	18.261	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.400	1.394	1.311	1.277	1.174	1.311	1.467	1.472	1.435	1.233	.987	1.126	.953	
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000	
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000	
KURTOSIS	5.739	5.948	5.270	4.696	4.473	4.658	5.343	5.308	5.080	4.516	3.829	4.248	3.340	
RECORD YEAR	40	40	40	40	40	40	40	40	40	40	40	40	40	
RECORD MAXIMUM	1943	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1941	
NORMALIZED MAX	8.380	12.170	13.630	13.630	13.730	14.460	17.480	18.26	20.070	20.330	21.770	29.390	39.580	
CALC. COEF. VAR	.482	.516	.546	.553	.543	.559	.576	.564	.567	.534	.488	.478	.448	
RECN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445	
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.576	.553	.542	.523	.519	.445	
MEAN/A	.1950	.2495	.2696	.2857	.2973	.3143	.3390	.3598	.3946	.4214	.4899	.6625	1.0000	
RP10/A	.3191	.4266	.4695	.5022	.5225	.5569	.6058	.6376	.6873	.7280	.8333	1.1235	1.5965	
RP25/A	.3883	.5313	.5844	.6228	.6442	.6921	.7545	.7924	.8454	.8937	1.0132	1.3727	1.9090	
RP50/A	.4392	.6019	.6678	.7098	.7314	.7896	.8617	.9061	.9687	1.0123	1.1411	1.5511	2.1312	
RP100/A	.4867	.6829	.7491	.7942	.8157	.8843	.9658	1.0125	1.0682	1.1270	1.2643	1.7237	2.3450	
RP1000/A	.6409	.9244	1.0096	1.0631	1.0822	1.1858	1.2972	1.3577	1.4145	1.4898	1.6507	2.2692	3.0163	
RP10000/A	.7889	1.1591	1.2612	1.3210	1.3361	1.4750	1.6152	1.6887	1.7443	1.8350	2.0180	2.7889	3.6508	
PMP/A	1.5842	2.2366	2.5097	2.7075	2.8167	3.0294	3.3242	3.4684	3.6680	3.8494	4.3329	5.8196	7.6750	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U03 1338 10		STATION NAME CAMARILLO-HOOKER		ELEV 214	SEC 122	TWP 34	RNG LOT 21W 42N	BWM 21W 42N	LATITUDE 34.219	LONGITUDE 119.055	COUNTY CODE 56		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	YEAR
2	2.33	2.70	3.00	3.30	3.51	3.63	3.82	4.10	4.46	5.03	5.70	7.64	12.47
5	3.47	4.22	4.77	5.27	5.58	5.85	6.25	6.64	7.39	7.92	8.85	11.85	18.11
10	4.24	5.28	6.07	6.59	6.94	7.32	7.93	8.40	9.25	9.88	10.98	14.76	21.80
20	4.96	6.29	7.11	7.83	8.21	8.72	9.54	10.08	11.02	11.75	13.01	17.56	25.26
25	5.18	6.61	7.47	8.22	8.61	9.16	10.05	10.52	11.58	12.33	13.65	18.44	26.34
40	5.65	7.28	8.22	9.02	9.43	10.06	11.11	11.73	12.74	13.56	14.98	20.28	28.57
50	5.87	7.59	8.57	9.40	9.81	10.49	11.61	12.25	13.28	14.13	15.61	21.14	29.61
100	6.54	8.56	9.64	10.55	10.98	11.78	13.14	13.85	14.94	15.89	17.52	23.80	32.79
200	7.20	9.51	10.70	11.68	12.12	13.06	14.65	15.44	16.58	17.61	19.40	26.42	35.90
1000	8.69	11.68	13.10	14.25	14.69	15.94	18.11	19.05	20.31	21.55	23.68	32.42	42.91
10000	10.76	14.73	16.47	18.28	18.26	19.95	22.96	24.13	25.52	27.05	29.67	40.83	52.62
PMP	21.04	27.71	31.91	35.53	37.42	39.86	43.60	45.74	49.44	52.30	57.16	76.63	104.80
MEAN	2.590	3.091	3.428	3.750	3.949	4.135	4.446	4.752	5.319	5.729	6.462	8.723	13.654
CLOCK HR. COR.	1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	.854	.945	.971	.973	.973	.973	1.004	1.010	.984	.971	.980	.940	.860
REGIONAL SKEW	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
SKEW USED	1.300	1.500	1.400	1.300	1.200	1.300	1.500	1.500	1.400	1.400	1.400	1.500	1.200
KURTOSIS	3.299	4.057	3.524	3.857	3.985	4.024	4.717	4.548	4.284	3.739	3.308	3.078	4.228
N	83	83	83	83	83	83	83	83	81	83	83	83	83
RECORD YEAR	1956	1956	1956	1962	1962	1962	1969	1969	1969	1969	1969	1969	1941
RECORD MAXIMUM	5.000	7.150	7.600	9.060	9.750	9.750	11.920	12.46	13.530	13.750	15.160	19.630	34.330
NORMALIZED MAX	2.170	2.999	2.780	3.161	3.302	3.014	3.625	3.512	3.301	3.138	2.981	2.821	3.695
CALC. COEF. VAR	.429	.438	.438	.448	.445	.450	.464	.462	.468	.462	.452	.443	.410
RECN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1897	.2264	.2510	.2746	.2892	.3029	.3256	.3481	.3896	.4195	.4733	.6389	1.0000
RP1/A	.3103	.3807	.4369	.4824	.5083	.5236	.5639	.5936	.6575	.6923	.8041	1.0809	1.9565
RP25/A	.4299	.5484	.6269	.6883	.7184	.7357	.7975	.8309	.9094	.9409	1.0904	1.4089	2.1687
RP50/A	.4299	.5562	.6273	.6883	.7184	.7680	.8500	.8971	.9724	1.0348	1.1429	1.5484	2.1687
RP100/A	.4779	.6268	.7060	.7728	.8039	.8630	.9622	1.0146	1.0943	1.1634	1.2830	1.7431	2.4015
RP1000/A	.6361	.8556	.9596	1.0435	1.0760	1.1673	1.3260	1.3955	1.4872	1.5781	1.7344	2.3741	3.1426
RP10000/A	.7679	1.0791	1.2060	1.3048	1.3371	1.4611	1.6814	1.7675	1.8688	1.9810	2.1728	2.9906	3.6536
PMP/A	1.5411	2.0297	2.3372	2.6019	2.7404	2.9195	3.1928	3.3500	3.6210	3.8305	4.1860	5.6123	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 3511 11	STATION NAME GORMAN DEWEY 298	ELEV 617	SEC 3680	TWP 18	RND LOT 08N 18W 0	8MM S	LATITUDE 34.787	LONGITUDE 118.822	COUNTY 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.77	2.19	2.48	2.66	2.84	3.04	3.24	3.48	3.88	4.09	4.83	6.87	11.44
5	2.62	3.42	3.92	4.23	4.49	4.87	5.23	5.57	6.09	6.37	7.37	10.51	16.50
10	3.18	4.26	4.89	5.25	5.55	6.07	6.54	6.94	7.51	7.83	8.98	12.85	19.70
20	3.71	5.05	5.80	6.21	6.54	7.20	7.76	8.22	8.82	9.19	10.47	15.03	22.65
25	3.87	5.30	6.08	6.52	6.85	7.55	8.15	8.62	9.23	9.61	10.92	15.70	23.56
40	4.21	5.82	6.67	7.14	7.40	8.27	8.94	9.45	9.43	9.62	11.87	16.03	25.43
50	4.37	6.07	6.95	7.41	7.67	8.61	9.30	9.84	10.47	10.60	12.30	17.74	26.30
100	4.86	6.81	7.80	8.31	8.67	9.65	10.43	11.01	11.67	12.12	13.63	19.72	28.94
200	5.33	7.55	8.63	9.17	9.54	10.66	11.53	12.17	12.83	13.32	14.92	21.64	31.50
1000	6.39	9.22	10.51	11.12	11.50	12.93	14.01	14.77	15.45	16.02	17.80	25.98	37.23
10000	7.87	11.57	13.13	13.82	14.20	16.09	17.44	18.37	19.05	19.74	21.74	31.90	45.06
PMP	15.81	22.32	26.12	28.32	29.94	33.04	35.89	37.71	40.06	41.41	46.72	66.57	94.73
MEAN	1.945	2.490	2.806	2.989	3.160	3.428	3.661	3.918	4.310	4.535	5.282	7.578	12.342
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	-0.339	+1.93	+4.07	+6.88	+8.51	+8.89	+9.99	+9.79	+8.89	+8.89	+1.247	+1.161	+1.544
REGIONAL SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.200	1.100	1.000	1.100	1.000
KURTOSIS	2.534	2.284	2.222	2.264	3.006	3.266	2.866	2.500	2.922	3.218	5.217	4.166	6.696
N	23	27	28	31	32	31	32	31	32	31	32	33	34
RECORD YEAR	1947	1943	1947	1939	1939	1939	1939	1969	1940	1969	1941	1941	1941
RECORD MAXIMUM	2.400	4.070	4.880	6.220	6.830	7.790	7.790	7.800	9.480	9.520	13.510	18.580	31.210
NORMALIZED MAX	0.017	1.862	1.845	2.331	2.392	2.613	2.215	2.000	2.371	2.292	3.204	2.962	3.599
CALC. COEF. VAR	0.286	0.382	0.449	0.484	0.486	0.487	0.509	0.495	0.506	0.479	0.486	0.490	0.425
REGION. COEF. VAR	0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445
USED COEF. VAR	0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445
MEAN/A	1.576	2.017	2.273	2.422	2.560	2.777	2.966	3.175	3.492	3.675	4.280	6.140	1.0000
RP10/A	2.580	3.449	3.920	4.256	4.500	4.922	5.300	5.622	6.082	6.346	7.280	1.0413	1.5965
RP25/A	3.139	4.296	4.929	5.279	5.559	6.117	6.601	6.986	7.481	7.691	8.852	1.2723	1.9090
RP50/A	3.543	4.815	5.632	6.016	6.300	6.979	7.538	7.989	8.484	8.823	9.960	1.4377	2.1312
RP100/A	3.934	5.321	6.137	6.732	7.025	7.815	8.449	8.924	9.453	9.823	1.1045	1.5976	2.3450
RP1000/A	5.181	7.474	8.514	9.011	9.321	1.0480	1.1349	1.1965	1.2517	1.2983	1.4421	2.1033	3.0163
RP10000/A	6.377	9.372	1.0636	1.1107	1.1507	1.3035	1.4130	1.4881	1.5436	1.5903	1.7612	2.5849	3.6508
PMP/A	1.2807	1.8083	2.1185	2.2949	2.4259	2.6773	2.9082	3.0588	3.2459	3.3551	3.7853	5.3941	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 4943 0	STATION NAME LIMONIERA RANCH	ELEV 335	SEC TWP	RND LOT 18N 10W 0	8MM S	LATITUDE 34.332	LONGITUDE 119.124	COUNTY 56					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.71	3.32	3.66	3.96	4.14	4.39	4.68	5.04	5.48	6.10	7.46	9.79	15.33
5	4.03	5.18	5.79	6.30	6.55	7.03	7.56	8.06	8.55	9.61	11.39	14.97	22.11
10	4.90	6.44	7.22	7.83	8.10	8.76	9.44	10.04	11.29	11.82	13.87	18.30	26.39
20	5.70	7.64	8.56	9.26	9.54	10.38	11.21	11.90	13.27	13.67	16.16	21.40	30.34
25	5.96	8.02	8.98	9.71	9.99	10.89	11.76	12.48	13.89	14.51	16.87	22.36	31.56
40	6.48	8.81	9.86	10.63	10.93	12.00	12.90	13.68	14.19	14.82	18.32	22.84	34.07
50	6.72	9.18	10.26	11.06	11.34	12.42	13.43	14.24	15.75	16.43	19.00	25.07	35.24
100	7.47	10.31	11.51	12.36	12.65	13.91	15.05	15.95	17.55	18.29	21.05	28.08	36.77
200	8.19	11.42	12.74	13.67	13.92	15.37	16.64	17.62	19.30	20.11	23.04	30.62	42.20
1000	9.63	13.96	15.52	16.57	16.70	18.66	20.22	21.38	23.24	24.18	27.46	36.97	49.67
10000	12.10	17.50	19.38	20.59	20.72	23.21	25.18	26.59	28.65	29.79	33.56	45.44	60.36
PMP	24.30	33.76	38.57	42.20	43.68	47.66	51.82	54.61	60.25	62.40	72.13	94.82	126.69
MEAN	2.991	3.766	4.143	4.454	4.610	4.944	5.285	5.673	6.482	6.844	8.155	10.793	16.533
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.303	1.641	1.670	1.421	1.420	1.389	1.457	1.410	1.221	1.106	1.007	0.864	0.812
REGIONAL SKEW	1.400	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.200	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.200	1.100	1.000	1.100	1.000
KURTOSIS	5.618	7.687	6.314	5.859	5.784	5.229	5.612	5.580	4.638	4.200	3.795	3.229	3.617
N	65	65	65	65	65	65	65	65	65	65	65	65	66
RECORD YEAR	1943	1943	1943	1943	1943	1943	1969	1969	1969	1969	1918	1969	1941
RECORD MAXIMUM	7.200	11.200	12.340	12.810	13.300	13.880	15.210	16.085	17.420	17.550	19.990	25.330	36.510
NORMALIZED MAX	3.170	3.955	3.810	3.551	3.549	3.282	3.391	3.428	3.135	2.966	2.873	2.780	3.303
CALC. COEF. VAR	0.453	0.499	0.519	0.528	0.531	0.551	0.554	0.535	0.538	0.524	0.505	0.485	0.402
REGION. COEF. VAR	0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445
USED COEF. VAR	0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445
MEAN/A	1.809	2.278	2.506	2.694	2.780	2.990	3.186	3.432	3.921	4.139	4.933	6.528	1.0000
RP10/A	2.961	3.895	4.365	4.735	4.901	5.299	5.712	6.076	6.828	7.148	8.391	1.1071	1.5965
RP25/A	3.363	4.851	5.433	5.872	6.043	6.586	7.113	7.551	8.400	8.774	1.0263	1.3527	1.9090
RP50/A	4.066	5.550	6.208	6.692	6.861	7.514	8.124	8.614	9.525	9.939	1.1491	1.5206	2.1312
RP100/A	4.516	6.235	6.964	7.488	7.651	8.415	9.106	9.646	1.0813	1.1085	1.2731	1.6986	2.3450
RP1000/A	5.947	8.941	9.966	10.623	1.0151	1.1221	1.2021	1.2621	1.4454	1.4825	1.6862	2.3302	3.0163
RP10000/A	7.320	1.0584	1.1725	1.2455	1.2532	1.4036	1.5226	1.6084	1.7331	1.8016	2.0301	2.7463	3.6508
PMP/A	1.6099	2.0421	2.3332	2.5527	2.6420	2.8827	3.1341	3.3029	3.6444	3.7794	4.3630	5.7349	7.6750

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8W	LATITUDE	LONGITUDE	COUNTY CODE			
U03 5826 51	MOORPARK 15SE -141	520	09	02N	19W	C	S	34.279	118.877	56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.34	2.96	3.39	3.64	3.80	3.86	4.25	4.54	5.07	5.39	6.35	8.64	13.77
5	3.48	4.63	5.37	5.78	6.00	6.18	6.86	7.27	7.94	8.39	9.70	13.22	19.86
10	4.22	5.76	6.68	7.18	7.43	7.70	8.57	9.06	9.80	10.32	11.82	16.17	23.72
20	4.92	6.83	7.93	8.50	8.75	9.13	10.18	10.74	11.52	12.11	13.77	18.90	27.26
25	5.14	7.17	8.32	8.91	9.16	9.57	10.68	11.26	12.05	12.66	14.38	19.75	28.36
40	5.59	7.88	9.13	9.76	9.36	10.49	11.71	12.34	12.31	12.93	15.62	20.17	30.61
50	5.80	8.21	9.51	10.15	10.40	10.92	12.19	12.85	13.66	14.34	16.19	22.32	31.66
100	6.44	9.22	10.66	11.36	11.59	12.23	13.67	14.38	15.23	15.97	17.94	24.80	34.84
200	7.07	10.21	11.80	12.54	12.76	13.51	15.11	15.89	16.75	17.55	19.63	27.22	37.92
1000	8.48	12.48	14.37	15.21	15.38	16.40	18.36	19.28	20.16	21.10	23.42	32.65	44.81
10000	10.44	15.65	17.95	18.90	18.99	20.40	22.85	23.99	24.86	26.00	28.61	40.13	54.24
PHP	20.96	30.19	35.72	38.73	40.03	41.90	47.04	49.25	52.28	54.54	61.48	83.74	114.02
MEAN	2.580	3.368	3.837	4.087	4.225	4.347	4.797	5.117	5.625	5.974	6.951	9.532	14.856
CLOCK HR. COR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.071	0.985	1.013	1.334	1.132	1.074	1.068	0.899	1.008	0.899	0.899	1.072	1.056
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.063	3.740	6.527	5.034	4.470	4.198	4.530	3.817	4.032	3.530	2.841	4.019	4.049
N	42	43	44	44	44	43	44	44	44	44	44	44	44
RECORD YEAR	1956	1944	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1941
RECORD MAXIMUM	5.540	7.530	11.900	11.900	11.900	11.900	13.300	13.300	14.600	14.750	14.750	22.280	34.360
NORMALIZED MAX	2.689	2.416	3.554	3.296	3.213	3.112	3.312	3.079	3.043	2.936	2.448	2.811	3.025
CALC. COEF. VAR	.427	.511	.591	.580	.565	.558	.535	.519	.524	.500	.458	.476	.434
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1737	.2267	.2583	.2751	.2844	.2926	.3229	.3445	.3786	.4021	.4679	.6416	1.0000
RP10/A	.2842	.3876	.4499	.4835	.4999	.5185	.5770	.6100	.6594	.6943	.7959	1.0882	1.5000
RP25/A	.3459	.4829	.5599	.5996	.6164	.6444	.7186	.7579	.8111	.8523	.9677	1.3295	1.9900
RP50/A	.3903	.5524	.6398	.6834	.6998	.7352	.8207	.8646	.9198	.9654	1.0899	1.5024	2.1312
RP100/A	.4435	.6205	.7177	.7647	.7804	.8233	.9109	.9683	1.0248	1.0748	1.2075	1.6695	2.3450
RP1000/A	.5708	.8401	.9673	1.0236	1.0354	1.1040	1.2356	1.2981	1.3571	1.4206	1.5766	2.1979	3.0163
RP10000/A	.7026	1.0533	1.2083	1.2719	1.2783	1.3732	1.5384	1.6145	1.6735	1.7500	1.9255	2.7012	3.6508
PHP/A	1.4110	2.0325	2.4045	2.6068	2.6948	2.8205	3.1662	3.3154	3.5191	3.6712	4.1383	5.6367	7.6750

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8W	LATITUDE	LONGITUDE	COUNTY CODE			
U03 6159 11	NEWMALL RANCH-PIRU-25	675	26	04N	18W	S	S	34.402	118.736	56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.82	3.64	3.95	4.22	4.40	4.55	4.89	5.06	5.87	6.14	7.30	9.65	15.11
5	4.19	5.68	6.25	6.70	6.96	7.29	7.89	8.09	9.21	9.55	11.15	14.76	21.80
10	5.09	7.06	7.78	8.33	8.61	9.08	9.68	10.08	11.35	11.75	13.58	18.05	26.02
20	5.93	8.38	9.23	9.86	10.14	10.76	11.71	11.95	13.35	13.79	15.82	21.11	29.92
25	6.19	8.80	9.69	10.33	10.62	11.28	12.28	12.53	13.97	14.42	16.52	22.06	31.12
40	6.73	9.66	10.63	11.32	10.85	12.37	13.47	13.79	14.27	14.73	17.94	22.52	33.59
50	6.98	10.07	11.07	11.78	12.06	12.87	14.03	14.29	15.84	16.34	18.60	24.92	34.74
100	7.76	11.31	12.42	13.18	13.45	14.42	15.72	16.01	17.65	18.19	20.61	27.70	38.23
200	8.51	12.53	13.74	14.55	14.80	15.93	17.38	17.64	19.41	19.99	22.56	30.40	41.61
1000	10.21	15.31	16.74	17.64	17.84	19.33	21.12	21.26	23.37	24.04	26.91	36.46	49.17
10000	12.57	19.19	20.91	21.92	22.02	24.05	26.30	26.69	28.82	29.61	32.68	44.81	59.51
PHP	25.25	37.04	41.61	44.93	46.43	49.39	54.12	54.81	60.60	62.12	70.63	93.51	125.11
MEAN	3.107	4.131	4.469	4.742	4.900	5.124	5.520	5.695	6.519	6.804	7.985	10.644	16.301
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.830	2.091	1.687	1.379	1.233	1.272	1.316	1.230	1.249	1.109	1.019	1.371	1.181
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	7.538	10.113	6.932	5.104	4.556	4.674	4.749	4.907	4.158	3.835	3.127	5.023	4.219
N	43	43	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1943	1943	1943	1943	1943	1943	1969	1943	1969	1969	1969	1969	1941
RECORD MAXIMUM	8.420	13.390	13.950	14.040	14.040	14.560	15.460	16.470	17.260	17.420	20.790	30.260	37.120
NORMALIZED MAX	3.186	3.329	3.588	3.312	3.195	3.112	2.952	3.380	2.760	2.699	2.931	3.251	3.009
CALC. COEF. VAR	.527	.576	.579	.542	.532	.522	.492	.492	.578	.578	.578	.481	.445
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1906	.2534	.2742	.2909	.3006	.3143	.3386	.3493	.3999	.4174	.4899	.6530	1.0000
RP10/A	.3120	.4333	.4775	.5112	.5283	.5570	.6050	.6186	.6965	.7207	.8333	1.1074	1.5965
RP25/A	.3796	.5397	.5944	.6339	.6514	.6923	.7535	.7687	.8568	.8847	1.0132	1.3530	1.9090
RP50/A	.4284	.6175	.6792	.7225	.7396	.7898	.8606	.8769	.9716	1.0021	1.1411	1.5289	2.1312
RP100/A	.4758	.6936	.7619	.8085	.8248	.8845	.9646	.9820	1.0825	1.1156	1.2642	1.6990	2.3450
RP1000/A	.6265	.9391	1.0268	1.0822	1.0943	1.1860	1.2956	1.3165	1.4335	1.4746	1.6507	2.2367	3.0163
RP10000/A	.7712	1.1775	1.2826	1.3447	1.3510	1.4753	1.6132	1.6374	1.7677	1.8165	2.0160	2.7489	3.6508
PHP/A	1.5487	2.2720	2.5524	2.7580	2.8482	3.0300	3.3200	3.3824	3.7173	3.8107	4.3328	5.7363	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT NECESSARILY

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U03 6569 1		STATION NAME OXNARD 32		ELEV 49	SEC 03	TWP 01N	RNG LOT 22W F	8MM S	LATITUDE 34.201	LONGITUDE 119.175	COUNTY CODE 56		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.35	2.83	3.15	3.37	3.56	3.72	3.93	4.23	4.89	5.18	6.25	8.18	13.42
5	3.50	4.42	4.99	5.35	5.62	5.96	6.35	6.78	7.66	8.05	9.54	12.50	19.35
10	4.25	5.50	6.22	6.85	7.27	7.43	7.93	8.44	9.45	9.92	11.62	15.29	23.11
20	4.95	6.53	7.37	7.87	8.19	8.81	9.42	10.00	11.11	11.64	13.54	17.88	26.56
25	5.17	6.85	7.74	8.25	8.58	9.23	9.88	10.49	11.62	12.17	14.13	18.68	27.63
40	5.62	7.52	8.49	9.04	8.77	10.12	10.84	11.50	11.87	12.43	15.35	19.08	29.82
50	5.83	7.84	8.84	9.40	8.94	11.29	11.97	12.58	13.19	13.79	16.91	21.11	30.85
100	6.47	8.80	9.92	10.52	10.86	11.80	12.65	13.40	14.69	15.35	17.63	23.46	33.94
200	7.10	9.75	10.77	11.62	11.95	13.03	13.98	14.80	16.15	16.87	19.30	25.75	36.94
1000	8.53	11.92	13.37	14.08	14.41	15.82	16.99	17.97	19.45	20.29	23.02	30.89	43.66
10000	10.49	14.94	16.70	17.50	17.79	19.68	21.15	22.34	23.98	24.99	28.11	37.96	52.84
PMP	21.08	28.83	33.22	35.87	37.50	40.42	43.54	45.88	50.43	52.43	60.42	79.21	111.08
MEAN	2.594	3.216	3.569	3.786	3.958	4.193	4.440	4.767	5.425	5.743	6.831	9.017	14.473
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.183	1.095	1.090	1.041	1.060	1.112	1.316	1.098	1.045	0.873	0.747	0.577	1.253
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.430	4.189	4.144	7.749	7.820	6.535	5.745	4.592	4.716	4.255	3.520	3.010	6.236
N	69	69	69	69	69	69	69	69	69	69	69	69	97
RECORD YEAR	1956	1956	1962	1962	1962	1962	1962	1962	1962	1962	1962	1941	1941
RECORD MAXIMUM	5.980	7.620	8.720	12.800	12.640	12.640	13.340	13.340	15.580	15.580	16.170	19.450	38.170
NORMALIZED MAX	2.788	2.953	3.007	3.267	3.277	3.413	3.463	3.663	3.786	3.663	3.134	2.795	4.051
CALC. COEF. VAR	.464	.464	.480	.506	.496	.482	.503	.494	.494	.494	.436	.414	.464
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1792	.2222	.2466	.2616	.2735	.2897	.3068	.3294	.3748	.3968	.4720	.6230	1.0000
RP10/A	.2933	.3799	.4295	.4597	.4806	.5134	.5482	.5833	.6528	.6852	.8029	1.0566	1.5965
RP25/A	.3869	.4733	.5345	.5697	.5928	.6281	.6630	.6982	.7818	.8140	.9762	1.2909	1.9936
RP50/A	.4028	.5415	.6108	.6497	.6728	.7279	.7798	.8268	.9106	.9527	1.0995	1.4587	2.1312
RP100/A	.4493	.6082	.6852	.7270	.7503	.8152	.8740	.9259	1.0147	1.0606	1.2181	1.6210	2.3450
RP1000/A	.5891	.8234	.9235	.9731	.9955	1.0931	1.1739	1.2413	1.3436	1.4018	1.5905	2.1341	3.0163
RP10000/A	.7251	1.0325	1.1535	1.2092	1.2290	1.3597	1.4816	1.5439	1.6569	1.7269	1.9425	2.6227	3.6568
PMP/A	1.4562	1.9922	2.2955	2.4784	2.5910	2.7926	3.0082	3.1704	3.4841	3.6226	4.1748	5.4730	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U03 6891 0	STATION NAME PINE CANYON PAT STA		ELEV 610	SEC 22W	TWP 07N	RNG LOT 15W R	8MM S	LATITUDE 34.675	LONGITUDE 118.431	COUNTY CODE 70			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.14	3.97	4.50	4.81	5.07	5.24	5.60	6.02	6.69	7.24	8.33	11.17	17.37
5	4.06	6.19	7.12	7.64	8.01	8.39	9.04	9.44	10.50	11.26	12.72	17.09	25.05
10	5.66	7.71	8.86	9.49	9.91	10.46	11.29	12.01	12.94	13.85	15.49	20.90	29.91
20	6.60	9.15	10.51	11.23	11.67	12.40	13.40	14.23	15.22	16.25	18.05	24.44	34.39
25	6.89	9.60	11.03	11.77	12.22	13.00	14.06	14.93	15.92	17.00	18.84	25.53	35.77
40	7.50	10.54	12.10	12.89	12.49	14.25	15.43	16.36	16.27	17.36	20.46	26.07	36.61
50	7.78	10.98	12.61	13.42	13.87	14.83	16.06	17.03	18.06	19.25	21.22	28.05	39.93
100	8.64	12.33	14.14	15.01	15.47	16.61	18.00	19.07	20.12	21.43	23.51	32.06	43.94
200	9.48	13.67	15.65	16.58	17.03	18.35	19.90	21.06	22.13	23.56	25.73	35.19	47.83
400	11.37	16.70	19.06	20.10	20.53	22.27	24.18	25.56	26.64	28.33	30.69	42.21	56.52
10000	14.00	20.94	23.81	24.97	25.34	27.71	30.11	31.79	32.85	34.90	37.49	51.88	68.41
PMP	28.12	40.40	47.38	51.19	53.42	56.90	61.97	65.29	69.08	73.20	80.56	108.26	143.81
MEAN	3.460	4.567	5.089	5.402	5.638	5.903	6.320	6.783	7.432	8.018	9.109	12.323	18.737
CLOCK HR. COR.	1.110	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.823	1.511	1.071	.779	.721	1.318	.957	.957	.814	.925	.789	1.376	.776
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.673	6.507	3.990	3.056	2.906	3.085	3.806	3.687	3.271	3.697	3.236	5.553	2.979
N	40	40	40	40	40	40	40	40	40	40	40	40	39
RECORD YEAR	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	8.680	12.920	13.380	13.390	13.560	13.990	17.200	17.610	18.310	21.410	22.850	37.080	41.880
NORMALIZED MAX	1.892	3.317	2.760	2.548	2.481	2.433	2.914	2.677	2.607	2.940	2.798	3.507	2.577
CALC. COEF. VAR	.519	.563	.590	.580	.566	.563	.591	.596	.561	.568	.539	.573	.479
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1847	.2405	.2716	.2883	.3069	.3350	.3373	.3620	.3967	.4279	.4661	.6577	1.0000
RP10/A	.3023	.4112	.4731	.5067	.5289	.5560	.6027	.6410	.6908	.7389	.8269	1.1154	1.5965
RP25/A	.4090	.5122	.5888	.6204	.6521	.6939	.7506	.7965	.8498	.9070	1.0055	1.3620	1.9090
RP50/A	.4151	.5861	.6728	.7161	.7403	.7916	.8573	.9087	.9636	1.0274	1.1324	1.5400	2.1312
RP100/A	.4610	.6583	.7547	.8013	.8257	.8865	.9606	1.0176	1.0737	1.1430	1.2551	1.7112	2.3450
RP1000/A	.6912	.9912	1.0172	1.0726	1.0954	1.1888	1.2906	1.3643	1.4218	1.5118	1.6381	2.2529	3.0630
RP10000/A	.7472	1.1175	1.2706	1.3329	1.3524	1.4787	1.6069	1.6968	1.7533	1.8624	2.0006	2.7688	3.6508
PMP/A	1.5006	2.1562	2.5284	2.7318	2.8511	3.0370	3.3071	3.4843	3.6869	3.9069	4.2997	5.7777	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 6940 3	STATION NAME PIRU CANYON VC172	ELEV 113	SEC 1190	TWP 15	RNG LOT 05N 18W P	BWM 5	LATITUDE 34+513	LONGITUDE 118+758	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.84	3.59	3.89	4.22	4.43	4.62	5.01	5.29	5.96	6.30	7.49	9.73	15.51
5	4.22	5.61	6.16	6.70	7.01	7.39	8.10	8.47	9.35	9.79	11.44	14.88	22.37
10	5.12	6.98	7.67	8.33	8.67	9.22	10.12	10.56	11.53	12.05	13.93	18.19	26.71
20	5.96	8.28	9.10	9.85	10.21	10.92	12.01	12.51	13.56	14.14	16.23	21.27	30.71
25	6.23	8.69	9.55	10.33	10.69	11.45	12.60	13.12	14.19	14.79	16.94	22.23	31.94
40	6.77	9.54	10.48	11.31	11.67	12.55	13.82	14.50	15.11	15.40	18.20	22.70	34.48
50	7.03	9.94	10.91	11.77	12.13	13.07	14.40	14.97	16.09	16.75	19.08	25.12	35.66
100	7.81	11.17	12.24	13.17	13.53	14.63	16.13	16.76	17.93	18.65	21.14	27.91	39.24
200	8.57	12.38	13.55	14.54	14.89	16.17	17.83	18.51	19.72	20.50	23.14	30.63	42.71
1000	10.28	15.12	16.50	17.43	17.95	19.62	21.47	22.47	23.74	24.65	27.40	34.75	50.47
10000	12.65	18.96	20.61	21.90	22.16	24.41	26.98	27.95	29.27	30.36	33.71	45.16	61.09
PMP	25.41	36.58	41.02	44.89	46.72	50.13	55.93	57.39	61.56	63.69	72.45	94.24	126.42
MEAN	3.128	4.081	4.406	4.737	4.931	5.200	5.664	5.963	6.623	6.976	8.191	10.728	16.732
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.446	2.123	1.786	1.352	1.249	1.274	1.350	1.373	1.084	1.118	.894	1.342	1.133
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.100	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.760	9.376	7.475	5.102	4.666	4.643	5.011	5.079	3.745	3.930	3.258	4.891	3.931
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1943	1943	1943	1943	1943	1943	1949	1943	1943	1969	1969	1969	1941
RECORD MAXIMUM	7.710	13.000	13.720	13.720	13.800	14.280	15.220	16.500	16.550	17.570	18.520	27.640	38.570
NORMALIZED MAX	2.922	3.000	3.000	3.000	3.226	3.106	3.020	3.093	2.667	2.754	2.608	3.118	2.955
CALC. COEF. VAR	.501	.575	.573	.574	.557	.562	.559	.571	.562	.543	.484	.506	.442
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	1.869	2.439	2.633	2.831	2.947	3.108	3.385	3.564	3.958	4.169	4.895	6.411	1.0000
RP10/A	3.059	4.170	4.586	4.978	5.180	5.508	6.048	6.310	6.893	7.200	8.343	1.0873	1.5965
RP25/A	3.723	5.194	5.708	6.185	6.387	6.781	7.519	7.761	8.688	9.015	1.0125	1.3285	1.9090
RP50/A	4.201	5.943	6.523	7.033	7.251	7.810	8.603	8.945	9.916	1.0211	1.1404	1.5012	2.1312
RP100/A	4.665	6.675	7.317	7.870	8.087	8.746	9.643	1.0017	1.0714	1.1145	1.2634	1.6682	2.3450
RP1000/A	6.144	9.037	9.861	1.0534	1.0729	1.1728	1.2952	1.3430	1.4187	1.4730	1.6496	2.1962	3.0163
RP10000/A	7.563	1.1331	1.2318	1.3059	1.3246	1.4588	1.6126	1.6704	1.7495	1.8146	2.0146	2.6591	3.8508
PMP/A	1.5187	2.1864	2.4513	2.6827	2.7924	2.9591	3.3189	3.4301	3.6790	3.8067	4.3299	5.6324	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 7020 70		STATION NAME POINT MUQU		ELEV 223	SEC 9	TWP 05	RNG LOT 01S 21W C	BWM 5	LATITUDE 34.119	LONGITUDE 119.107	COUNTY CODE 56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	YEAR
2	1.85	2.34	2.59	2.77	2.93	3.00	3.20	3.42	3.97	4.18	4.94	6.60	9.76	
5	2.75	3.65	4.10	4.40	4.64	4.80	5.17	5.48	6.23	6.50	7.54	10.10	14.08	
10	3.34	4.54	5.10	5.47	5.74	5.98	6.46	6.82	7.68	8.00	9.19	12.35	16.81	
20	3.89	5.38	6.05	6.47	6.75	7.09	7.66	8.06	9.03	9.39	10.70	14.44	19.32	
25	4.07	5.65	6.35	6.78	7.07	7.43	8.04	8.48	9.45	9.82	11.17	15.08	20.10	
40	4.42	6.21	6.97	7.43	7.73	8.15	8.82	9.29	9.65	10.03	12.13	15.40	21.69	
50	4.59	6.47	7.26	7.73	8.03	8.48	9.18	9.67	10.12	11.12	12.58	17.05	22.44	
100	5.10	7.26	8.14	8.65	8.95	9.50	10.29	10.83	11.94	12.39	13.94	18.94	24.89	
200	5.59	8.05	9.01	9.55	9.85	10.49	11.38	11.96	13.13	13.61	15.26	20.79	26.87	
1000	6.71	9.83	10.97	11.58	11.88	12.74	13.83	14.52	15.81	16.36	18.20	24.94	31.75	
10000	8.26	12.33	13.71	14.39	14.67	15.84	17.21	18.06	19.50	20.16	22.23	30.65	38.43	
PMP	16.59	23.79	27.28	29.49	30.92	32.53	35.43	37.08	41.00	42.29	47.77	63.95	80.80	
MEAN	2.042	2.654	2.930	3.112	3.263	3.375	3.613	3.853	4.411	4.631	5.401	7.280	10.527	
CLOCK MR. COR.	1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000	
CALCULATED SKEW	1.029	1.948	1.798	1.746	1.939	1.833	1.681	1.709	1.914	2.004	1.625	1.548	1.195	
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000	
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000	
KURTOSIS	3.771	7.359	6.285	6.189	7.302	6.559	5.554	5.897	6.818	7.166	5.786	5.476	4.056	
N	25	25	25	25	25	25	25	25	25	25	25	25	25	
RECORD YEAR	1956	1956	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	1962	
RECORD MAXIMUM	3.900	7.480	8.370	9.540	10.400	10.500	10.560	11.690	13.730	13.850	14.540	17.680	21.770	
NORMALIZED MAX	1.911	2.945	2.784	2.950	3.160	3.072	2.774	2.947	3.081	3.126	2.987	2.743	2.468	
CALC. COEF. VAR	.476	.618	.667	.699	.692	.687	.693	.690	.686	.637	.566	.521	.433	
REGN. COEF. VAR	.475	.531	.554	.565	.565	.567	.557	.575	.553	.542	.523	.519	.445	
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445	
MEAN/A	1.940	.2521	.2784	.2956	.3100	.3206	.3432	.3680	.4190	.4400	.5131	.6915	1.0000	
RP10/A	3.175	.4310	.4848	.5195	.5448	.5691	.6133	.6480	.7297	.7597	.8727	1.1727	1.5965	
RP25/A	3.863	.5369	.6035	.6443	.6717	.7061	.7639	.8052	.8976	.9325	1.0812	1.4329	1.9090	
RP50/A	4.359	.6142	.6896	.7343	.7626	.8056	.8724	.9186	1.0179	1.0563	1.1952	1.6192	2.1312	
RP100/A	4.841	.6899	.7735	.8217	.8505	.9022	.9778	1.0287	1.1342	1.1700	1.3241	1.7993	2.3450	
RP1000/A	6.376	.9340	1.0425	1.0999	1.1264	1.2027	1.3134	1.3792	1.5019	1.5544	1.7289	2.3688	3.0163	
RP10000/A	7.848	1.1712	1.3023	1.3668	1.3931	1.5047	1.6352	1.7153	1.8521	1.9147	2.1115	2.9112	3.6508	
PMP/A	1.5760	2.2598	2.5915	2.8012	2.9369	3.0905	3.3655	3.5224	3.8946	4.0168	4.5381	6.0749	7.6750	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 7080 0	STATION NAME PORT MUENEME 17		ELEV 532	SEC 20	TWP 20	RNO LOT 01N 22W	BWN S	LATITUDE 34-144	LONGITUDE 119-208	COUNTY CODE 56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.35	2.76	3.09	3.27	3.44	3.63	3.81	4.15	4.68	5.04	6.03	8.02	12.48
5	3.49	4.31	4.89	5.19	5.44	5.82	6.16	6.65	7.34	7.84	9.21	12.27	17.99
10	4.24	5.37	6.09	6.45	6.73	7.25	7.70	8.28	9.05	9.64	11.23	15.00	21.48
20	4.94	6.37	7.22	7.63	7.92	8.60	9.14	9.82	10.64	11.31	13.08	17.54	24.70
25	5.16	6.69	7.58	8.00	8.30	9.01	9.50	10.20	11.13	11.63	13.65	18.33	25.49
40	6.41	7.34	8.31	8.76	9.08	9.88	10.52	11.28	12.18	12.69	14.83	18.72	27.73
50	5.82	7.65	8.66	9.12	9.42	10.28	10.95	11.74	12.63	13.40	15.37	20.71	28.68
100	6.47	8.59	9.71	10.20	10.50	11.52	12.27	13.15	14.07	14.92	17.03	23.02	31.56
200	7.09	9.52	10.75	11.26	11.56	12.72	13.57	14.53	15.47	16.40	18.64	25.26	34.35
1000	8.51	11.63	13.09	13.66	13.95	15.44	16.49	17.63	18.63	19.72	22.84	30.30	40.59
10000	10.48	14.58	16.35	16.97	17.20	19.21	20.53	21.93	22.97	24.29	27.16	35.24	49.13
PMP	21.05	28.14	32.54	34.78	36.26	39.46	42.24	45.03	48.31	50.97	58.37	77.72	105.28

MEAN	2.590	3.139	3.495	3.670	3.827	4.093	4.308	4.678	5.197	5.582	6.599	8.647	13.457
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	5.367	9.969	1.460	1.461	1.450	1.308	1.202	1.123	0.989	0.925	0.798	0.578	0.807
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.000	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.000	1.000	1.100	1.000
KURTOSIS	3.568	9.002	5.046	5.023	5.449	4.982	4.617	4.252	3.923	3.226	3.969	2.752	4.134
N	79	79	79	79	79	79	79	79	79	79	79	79	79
RECORD YEAR	1956	1956	1956	1956	1957	1967	1967	1967	1962	1967	1918	1941	1941
RECORD MAXIMUM	9.250	9.250	9.250	9.250	10.510	11.710	12.440	12.600	12.790	12.790	16.110	19.990	32.990
NORMALIZED MAX	2.618	4.155	3.484	3.330	3.411	3.218	3.430	3.394	3.042	2.848	3.134	2.676	3.694
CALC. COEF. VAR	.408	.492	.501	.489	.500	.487	.500	.473	.453	.453	.460	.434	.393
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445

MEAN/A	.1925	.2333	.2597	.2728	.2844	.3042	.3202	.3476	.3862	.4148	.4904	.6574	1.0000
RP10/A	.3151	.3988	.4524	.4793	.4998	.5390	.5727	.6156	.7163	.7632	.8342	1.1149	1.5665
RP25/A	.3834	.4968	.5631	.5945	.6163	.6699	.7125	.7649	.8274	.8793	1.0143	1.3622	1.9090
RP50/A	.4326	.5684	.6434	.6775	.6997	.7643	.8138	.8726	.9383	.9960	1.1424	1.5393	2.1312
RP100/A	.4805	.6384	.7218	.7581	.7803	.8559	.9121	.9772	1.0454	1.0888	1.2656	1.7105	2.3450
RP1000/A	.6327	.8645	.9728	1.0146	1.0353	1.1477	1.2251	1.3845	1.4855	1.6526	2.2519	3.0163	4.1263
RP10000/A	.7788	1.0837	1.2151	1.2610	1.2781	1.4276	1.5253	1.6294	1.7071	1.8553	2.0182	2.6708	3.6508
PMP/A	1.5640	2.0911	2.4181	2.5844	2.6945	2.9321	3.1392	3.3460	3.5898	3.7873	4.3376	5.7752	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 7249 51	STATION NAME FILLMORE RANCHO 5 39	ELEV 525	SEC 430	TWP 34	RNO LOT 34-383	BWN 118-964	LATITUDE 56	LONGITUDE 56	COUNTY CODE				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.02	3.93	4.30	4.58	4.82	5.05	5.39	5.81	6.54	6.88	8.20	10.83	16.74
5	4.49	6.14	6.81	7.28	7.62	8.09	8.70	9.31	10.26	10.71	12.53	16.56	24.14
10	5.45	7.64	8.48	9.04	9.42	10.09	10.87	11.60	12.85	13.17	15.26	20.25	28.62
20	6.35	9.08	10.06	10.70	11.10	11.95	12.91	13.74	14.87	15.46	17.78	23.68	33.13
25	6.63	9.51	10.55	11.21	11.62	12.53	13.54	14.41	15.56	16.17	18.56	24.74	34.46
40	7.21	10.45	11.58	12.28	11.87	13.74	14.85	15.79	15.90	16.52	20.10	25.26	37.20
50	7.48	10.88	12.06	12.78	13.19	14.30	15.47	16.44	17.64	18.31	20.90	27.96	38.48
100	8.31	12.23	13.53	14.30	14.71	16.01	17.33	18.41	19.68	20.39	23.16	31.07	42.34
200	9.12	13.55	14.96	15.79	16.19	17.69	19.16	20.33	21.62	22.41	25.35	34.10	46.08
1000	10.95	16.55	18.23	19.14	19.52	21.47	23.28	24.68	26.03	26.95	30.24	40.50	54.46
10000	13.47	20.75	22.77	23.79	24.09	26.71	28.99	30.69	32.10	33.20	36.93	50.27	65.91
PMP	27.06	46.04	45.31	48.75	50.79	54.86	59.67	63.03	67.51	69.64	79.37	104.90	130.56

MEAN	3.336	4.467	4.867	5.146	5.361	5.691	6.085	6.548	7.263	7.628	8.973	11.940	18.054
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.020	1.306	.986	1.044	.997	1.252	1.466	1.446	1.345	1.204	1.083	1.148	1.895
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000	1.000
KURTOSIS	3.751	4.635	3.121	3.395	3.399	4.342	5.700	5.538	5.231	4.743	4.052	3.936	3.395
N	58	58	58	58	58	58	58	58	58	58	58	58	58
RECORD YEAR	1952	1943	1943	1943	1962	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.400	11.570	11.590	12.450	13.140	15.690	19.220	20.530	21.970	22.090	24.750	31.980	36.590
NORMALIZED MAX	2.027	3.052	2.563	2.564	2.610	3.081	3.741	3.688	3.620	3.531	3.357	3.264	2.762
CALC. COEF. VAR	.455	.521	.539	.554	.554	.570	.577	.571	.550	.537	.527	.514	.419
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1845	.2474	.2696	.2850	.2969	.3152	.3371	.3627	.4023	.4225	.4970	.6614	1.0000
RP10/A	.3019	.4230	.4696	.5069	.5219	.5566	.6023	.6423	.7006	.7295	.8455	1.1216	1.5965
RP25/A	.3619	.5269	.5844	.6212	.6435	.6943	.7601	.7981	.8818	.8955	1.0280	1.3704	1.9900
RP50/A	.4114	.6028	.6678	.7079	.7306	.7921	.8627	.9104	.9550	1.0000	1.1578	1.5404	2.1312
RP100/A	.4604	.6771	.7491	.7922	.8147	.8671	.9602	1.0195	1.0869	1.1293	1.2827	1.7208	2.3450
RP1000/A	.6063	.9167	1.0097	1.0604	1.0810	1.1895	1.2897	1.3669	1.4419	1.4927	1.6749	2.2855	3.1053
RP10000/A	.7463	1.1495	1.2612	1.3176	1.3345	1.4795	1.6056	1.7001	1.7782	1.8387	2.0455	2.7843	3.6508
PMP/A	1.4987	2.2179	2.5098	2.7605	2.8134	3.0387	3.3048	3.4910	3.7392	3.8573	4.3563	5.8101	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME		ELEV	SEC	TWP	RNG LOT	8W	LATITUDE	LONGITUDE	COUNTY CODE			
U03 7425 1		RIDGE ROUTE FC 409		402	2500	27	07N	18W	5	34.678	118.783	70		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.19	3.56	3.96	4.17	4.66	4.73	5.10	5.39	6.00	6.43	7.25	9.75	15.21	
5	4.74	5.56	6.27	6.63	7.38	7.58	8.23	8.62	9.40	10.01	11.07	14.90	21.94	
10	5.76	6.91	7.81	8.24	9.12	9.45	10.29	10.74	11.60	12.31	13.49	18.23	26.19	
20	6.71	8.21	9.26	9.75	10.74	11.20	12.21	12.73	13.63	14.45	15.71	21.31	30.11	
25	7.01	8.61	9.72	10.23	11.25	11.74	12.81	13.35	14.27	15.11	16.40	22.27	31.32	
40	7.62	9.45	10.66	11.20	12.30	12.87	14.05	14.63	15.68	16.44	17.92	24.74	33.01	
50	7.91	9.85	11.10	11.65	12.77	13.40	14.63	15.23	16.18	17.12	18.47	25.16	34.97	
100	8.78	11.07	12.46	13.04	14.24	15.00	16.40	17.05	18.03	19.05	20.47	27.96	38.48	
200	9.64	12.26	13.78	14.40	15.68	16.57	18.13	18.83	19.83	20.94	22.40	30.69	41.88	
1000	11.57	14.98	16.79	17.46	18.90	20.12	22.03	22.86	23.87	25.19	26.72	36.81	48.49	
10000	14.24	18.79	20.97	21.69	23.33	25.03	27.43	28.43	29.44	31.03	32.64	45.25	59.90	
PMP	28.60	36.25	41.73	44.45	49.18	51.40	56.45	58.38	61.90	65.09	70.14	94.41	125.93	
MEAN	3.520	4.043	4.483	4.692	5.190	5.332	5.758	6.066	6.659	7.129	7.930	10.747	16.407	
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.371	0.941	1.385	1.326	1.006	0.994	1.214	1.266	1.104	1.043	1.087	1.105	1.191	
REGIONAL SKEW	1.500	1.400	1.300	1.200	1.100	1.000	1.200	1.200	1.100	1.000	1.000	1.100	1.000	
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.000	1.000	1.100	1.000	
KURTOSIS	2.750	3.381	4.539	4.392	3.287	3.147	3.972	4.268	3.301	2.962	3.200	3.340	4.807	
N	23	28	31	31	33	33	33	33	33	33	33	33	33	
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1941	1941	1941	
RECORD MAXIMUM	6.000	6.700	11.400	12.400	12.880	12.880	16.020	17.860	17.860	17.860	19.760	27.100	45.330	
NORMALIZED MAX	1.676	2.074	2.420	2.504	2.350	2.218	2.817	2.503	2.577	2.245	2.318	2.403	3.205	
CALC. COEF. VAR	0.422	0.555	0.638	0.631	0.630	0.638	0.682	0.665	0.653	0.671	0.644	0.633	0.547	
REGN. COEF. VAR	0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445	
USEO COEF. VAR	0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445	
MEAN/A	0.2145	0.2464	0.2732	0.2880	0.3164	0.3250	0.3509	0.3697	0.4059	0.4345	0.4833	0.6550	1.0000	
RP10/A	0.3511	0.4214	0.4759	0.5025	0.5560	0.5759	0.6270	0.6547	0.7085	0.7503	0.8221	1.1109	1.5965	
RP25/A	0.4272	0.5249	0.5723	0.5984	0.6565	0.7157	0.7815	0.8135	0.8695	0.9210	0.9918	1.3573	1.9090	
RP50/A	0.4821	0.6005	0.6768	0.7103	0.7784	0.8164	0.8919	0.9280	0.9860	1.0432	1.1259	1.5338	2.1312	
RP100/A	0.5354	0.6745	0.7592	0.7948	0.8680	0.9145	0.9997	1.0392	1.0987	1.1614	1.2474	1.7044	2.3450	
RP1000/A	0.7651	0.9132	1.0233	1.0639	1.1517	1.2262	1.3427	1.3932	1.4548	1.5351	1.6287	2.2438	3.0163	
RP10000/A	0.8676	1.1450	1.2782	1.3220	1.4218	1.5253	1.6716	1.7326	1.7941	1.8910	1.9681	2.7576	3.8508	
PMP/A	1.7429	2.2094	2.5436	2.7094	2.9974	3.1327	3.4407	3.5584	3.7727	3.9669	4.2750	5.7544	7.6750	

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME		ELEV	SEC	TWP	RNG LOT	8W	LATITUDE	LONGITUDE	COUNTY CODE			
U03 7734 0		SANDBERG PAT 57A		612	4025	08N	17W	5	34.743	116.712	70			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.73	3.31	3.69	3.93	4.11	4.28	4.52	4.82	5.23	5.55	6.44	8.13	13.23	
5	4.05	5.17	5.84	6.24	6.50	6.86	7.30	7.71	8.19	8.64	9.83	12.43	19.08	
10	4.92	6.44	7.28	7.76	8.04	8.55	9.12	9.61	10.11	10.62	11.98	15.21	22.78	
20	5.73	7.64	8.64	9.18	9.46	10.13	10.82	11.39	11.88	12.47	13.95	17.78	26.19	
25	5.96	8.02	9.06	9.62	9.91	10.62	11.35	11.94	12.43	13.04	14.56	18.56	27.24	
40	6.51	8.80	9.94	10.54	10.12	11.64	12.45	13.09	12.70	13.32	15.82	18.97	29.41	
50	6.75	9.17	10.35	10.97	11.25	12.12	12.97	13.62	14.10	14.77	16.40	20.99	30.42	
100	7.50	10.30	11.61	12.27	12.54	13.57	14.54	15.26	15.71	16.44	18.17	23.33	33.47	
200	8.23	11.42	12.85	13.55	13.81	14.90	16.07	16.85	17.28	18.07	19.69	25.60	36.43	
1000	9.87	13.95	15.65	16.43	16.64	18.20	19.52	20.45	20.80	21.74	23.72	30.71	43.05	
10000	12.15	17.49	19.55	20.41	20.55	22.63	24.31	25.44	25.65	26.78	28.97	37.75	52.10	
PMP	24.40	33.75	38.91	41.84	43.32	46.48	50.03	52.24	53.94	56.17	62.27	78.77	109.53	
MEAN		3.003	3.765	4.180	4.415	4.572	4.822	5.102	5.428	5.803	6.152	7.040	8.966	14.272
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.068	1.127	1.185	1.025	0.938	0.798	0.840	1.015	1.129	1.075	1.005	1.299	0.609	
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.000	1.000	1.100	1.000	
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.000	1.000	1.100	1.000	
KURTOSIS		4.392	4.193	3.964	3.828	3.644	3.237	3.054	3.551	4.051	3.884	3.834	4.354	2.527
N		26	26	26	26	26	26	26	26	26	26	26	25	25
RECORD YEAR		1971	1962	1962	1962	1962	1962	1962	1966	1962	1962	1962	1969	1962
RECORD MAXIMUM		5.810	7.990	9.530	10.080	10.370	10.560	10.910	12.330	13.610	13.670	16.650	21.540	26.150
NORMALIZED MAX		1.773	2.330	2.650	2.500	2.469	2.346	2.089	2.414	2.561	2.308	2.637	2.700	1.941
CALC. COEF. VAR		0.440	0.482	0.521	0.511	0.514	0.507	0.545	0.527	0.525	0.512	0.518	0.519	0.429
REGN. COEF. VAR		0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445
USEO COEF. VAR		0.475	0.531	0.554	0.565	0.565	0.576	0.587	0.575	0.553	0.542	0.523	0.519	0.445
MEAN/A		0.2105	0.2638	0.2929	0.3094	0.3203	0.3379	0.3575	0.3803	0.4066	0.4311	0.4933	0.6262	1.0000
RP10/A		0.3444	0.4510	0.5101	0.5437	0.5630	0.5867	0.6386	0.6734	0.7081	0.7444	0.8391	1.0855	1.5965
RP25/A		0.4191	0.5616	0.6349	0.6743	0.6942	0.7441	0.7956	0.8368	0.8711	0.9137	1.0203	1.3018	1.9090
RP50/A		0.4730	0.6428	0.7255	0.7665	0.7892	0.8490	0.9087	0.9466	0.9878	1.0350	1.1492	1.4710	2.1312
RP100/A		0.5253	0.7220	0.8138	0.8599	0.8790	0.9508	1.0185	1.0690	1.1006	1.1523	1.2731	1.6346	2.3450
RP1000/A		0.6918	0.9775	1.0969	1.1510	1.1664	1.2749	1.3680	1.4332	1.4574	1.5230	1.6624	2.1520	3.0163
RP10000/A		0.8515	1.2256	1.3701	1.4303	1.4398	1.5858	1.7032	1.7826	1.7972	1.8762	2.0302	2.6448	3.6508
PMP/A		1.7099	2.3649	2.7265	2.9314	3.0352	3.2571	3.5054	3.6605	3.7793	3.9358	4.3634	5.5191	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 003 7735 0	STATION NAME SANDBERG W B	ELEV 611	SEC 4517	TWP 31	RNG LOT 08N 17W C	8MM 5	LATITUDE 34.750	LONGITUDE 118.733	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.43	2.99	3.29	3.52	3.66	3.75	3.97	4.15	4.66	4.96	5.72	7.47	12.06
5	3.61	4.66	5.21	5.60	5.79	6.00	6.41	6.85	7.22	7.72	8.74	11.43	17.39
10	4.39	5.80	6.48	6.96	7.16	7.46	8.01	8.28	8.90	9.49	10.65	13.97	20.77
20	5.11	6.89	7.69	8.23	8.43	8.87	9.50	9.81	10.46	11.14	12.41	16.34	23.87
25	5.34	7.23	8.07	8.63	8.82	9.30	9.97	10.29	10.95	11.65	12.95	17.07	24.83
40	5.81	7.94	8.85	9.45	9.62	10.19	10.94	11.28	11.91	12.60	14.07	17.43	26.81
50	6.03	8.27	9.22	9.84	10.02	10.61	11.39	11.74	12.42	13.20	14.59	17.92	27.73
100	6.89	9.29	10.34	11.01	11.17	11.88	12.76	13.14	13.84	14.69	16.16	21.44	30.51
200	7.34	10.29	11.45	12.15	12.30	13.13	14.11	14.52	15.22	16.15	17.64	23.53	33.21
1000	8.81	12.57	13.94	14.73	14.82	15.93	17.14	17.62	18.32	19.42	21.10	28.22	39.24
10000	10.85	15.77	17.42	18.31	18.38	19.82	21.34	21.92	22.59	23.92	25.77	34.69	47.45
PMP	21.79	30.42	34.66	37.53	38.58	40.71	43.93	45.01	47.51	50.19	55.38	72.36	99.85
MEAN	2.682	3.393	3.723	3.961	4.072	4.223	4.480	4.676	5.111	5.497	6.262	8.239	13.009
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.488	1.378	1.470	1.583	1.389	1.421	1.782	1.036	1.618	1.514	1.359	1.630	1.418
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	6.336	5.371	5.860	6.618	5.577	6.868	7.977	7.003	6.842	6.242	5.064	6.501	5.587
N	35	35	35	35	35	35	35	35	35	35	35	34	35
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.708	8.400	10.300	12.000	12.000	13.000	15.300	15.300	16.900	17.000	18.000	26.700	34.500
NORMALIZED MAX	2.810	2.710	3.097	3.422	3.273	3.561	3.806	3.648	3.627	3.482	3.200	3.511	3.131
CALC. COEF. VAR	.533	.543	.571	.593	.595	.624	.635	.623	.636	.601	.616	.638	.528
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.2061	.2606	.2862	.3044	.3130	.3246	.3444	.3595	.3929	.4226	.4818	.6333	1.0000
RP10/A	.3374	.4460	.4984	.5350	.5501	.5752	.6154	.6365	.6843	.7297	.8181	1.0741	1.5965
RP25/A	.4105	.5555	.6204	.6635	.6783	.7149	.7664	.7909	.8418	.8956	1.0125	1.3123	1.9096
RP50/A	.4633	.6355	.7089	.7562	.7761	.8156	.8753	.9023	.9545	1.0167	1.1213	1.4830	2.1312
RP100/A	.5145	.7139	.7952	.8642	.8868	.9334	.9811	1.0104	1.0636	1.1295	1.2422	1.6479	2.3450
RP1000/A	.6776	.9665	1.0717	1.1327	1.1394	1.2248	1.3178	1.3547	1.4084	1.4929	1.6220	2.1695	3.0163
RP10000/A	.8340	1.2118	1.3388	1.4167	1.4074	1.5235	1.6407	1.6849	1.7367	1.8390	1.9809	2.6663	3.6508
PMP/A	1.6748	2.3383	2.6641	2.8846	2.9656	3.1291	3.3768	3.4598	3.6521	3.8580	4.2574	5.5638	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 003 7957 0	STATION NAME SANTA PAULA	ELEV 263	SEC 16	TWP 03N	RNG LOT 21W A	8MM 5	LATITUDE 34.347	LONGITUDE 119.080	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.91	3.42	3.76	4.15	4.34	4.59	4.95	5.36	6.07	6.46	7.52	9.73	15.33
5	4.33	5.34	5.95	6.60	6.87	7.36	7.99	8.57	9.52	10.06	11.48	14.88	22.11
10	5.26	6.65	7.42	8.26	8.49	9.17	9.99	10.88	11.74	12.37	13.99	18.19	26.40
20	6.13	7.89	8.80	9.70	10.00	10.87	11.86	12.66	13.80	14.51	16.30	21.27	30.35
40	6.40	8.28	9.23	10.17	10.47	11.40	12.44	13.27	14.44	15.18	17.01	22.23	31.57
50	6.96	9.69	10.13	11.14	10.70	12.50	13.65	14.55	14.75	15.51	16.48	22.70	34.06
100	7.22	9.47	10.55	11.59	11.49	13.61	14.21	15.14	16.37	17.20	19.16	25.12	35.25
200	8.02	10.64	11.83	12.97	13.26	14.57	15.93	16.96	18.24	19.14	21.23	27.91	36.78
1000	9.80	11.79	13.09	14.32	14.60	16.09	17.60	18.73	20.06	21.04	23.23	30.63	42.21
2000	10.56	14.41	15.95	17.36	17.59	19.53	21.39	22.73	24.16	25.30	27.72	36.75	49.69
10000	12.98	18.06	19.92	21.58	21.72	24.30	26.63	28.58	29.79	31.17	33.95	45.16	60.38
PMP	26.69	34.85	39.64	44.22	45.79	49.90	54.81	58.67	62.64	65.39	72.76	94.24	126.93
MEAN	3.212	3.888	4.258	4.667	4.833	5.176	5.596	6.033	6.739	7.162	8.226	10.727	16.539
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.936	1.447	1.364	1.915	1.852	1.689	1.767	1.733	1.906	1.839	1.562	1.421	1.622
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.397	5.210	5.697	7.562	7.091	5.555	5.804	5.785	6.507	6.073	5.029	4.480	3.290
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1962	1962	1962	1962	1962	1962	1962	1969	1962	1962	1969	1969	1952
RECORD MAXIMUM	5.650	9.370	10.850	14.570	15.200	15.200	16.070	17.280	19.900	19.900	20.070	27.010	32.060
NORMALIZED MAX	1.068	2.563	2.666	3.171	3.144	2.666	2.653	2.621	2.810	2.660	2.491	2.612	2.044
CALC. COEF. VAR	.473	.550	.581	.669	.668	.733	.747	.711	.695	.669	.620	.561	.476
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1942	.2351	.2574	.2622	.2922	.3130	.3380	.3640	.4075	.4330	.4974	.6466	1.0000
RP10/A	.3176	.4619	.4484	.4959	.5136	.5546	.6046	.6459	.7096	.7478	.8460	1.1000	1.5965
RP25/A	.3868	.5066	.5561	.6150	.6333	.6893	.7522	.8026	.8730	.9170	1.0287	1.3400	1.9096
RP50/A	.4364	.5727	.6376	.7069	.7190	.7864	.8591	.9156	.9899	1.0397	1.1586	1.5187	2.1312
RP100/A	.4847	.6434	.7154	.7843	.8016	.8807	.9629	1.0253	1.1030	1.1575	1.2836	1.6677	2.3450
RP1000/A	.6303	.8710	.9642	1.0499	1.0638	1.1810	1.2934	1.3746	1.4606	1.5299	1.7600	2.2219	3.0163
RP10000/A	.7857	1.0921	1.2045	1.3046	1.3133	1.4800	1.6104	1.7010	1.8011	1.8648	2.0464	2.7300	3.6508
PMP/A	1.5778	2.1073	2.3960	2.6737	2.7687	3.0171	3.3143	3.5109	3.8101	3.9536	4.3993	5.6961	7.6750

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE												
STATION NO. BSN ORDER 508	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY		
U03 7970 14	SANTA ROSA VALLEY	536	275					34.236	118.933	56		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600 3650
2	2.32	2.71	3.03	3.20	3.44	3.54	3.73	4.02	4.47	4.72	5.63	7.42 11.79
5	3.45	4.23	4.80	5.09	5.44	5.68	6.03	6.43	7.00	7.34	8.59	11.34 17.00
10	4.18	5.26	5.98	6.32	6.73	7.07	7.53	8.02	8.64	9.03	10.47	13.87 20.30
20	4.88	6.24	7.10	7.48	7.93	8.38	8.94	9.50	10.19	10.60	12.20	15.22 23.33
25	5.09	6.55	7.45	7.84	8.30	8.79	9.38	9.96	10.62	11.09	12.73	16.95 24.27
40	5.54	7.19	8.17	8.59	8.88	9.64	10.29	10.92	10.85	11.33	13.83	17.31 26.20
50	5.74	7.49	8.51	8.94	9.42	10.03	10.72	11.36	12.05	12.56	14.34	19.15 27.10
100	6.38	8.42	9.55	10.00	10.50	11.23	12.01	12.73	13.42	13.98	15.88	21.28 29.82
200	7.00	9.32	10.56	11.04	11.56	12.41	13.28	14.06	14.76	15.37	17.38	23.36 32.46
1000	8.40	11.39	12.86	13.39	13.94	15.06	16.13	17.05	17.77	18.48	20.74	28.02 38.35
10000	10.34	14.29	16.07	16.63	17.21	18.74	20.09	21.22	21.92	22.77	25.33	34.43 46.42
PMP	20.77	27.56	31.98	34.09	36.27	38.48	41.34	43.58	46.09	47.76	54.44	71.86 97.59
MEAN	2.556	3.075	3.435	3.598	3.828	3.992	4.216	4.528	4.959	5.231	6.155	8.179 12.715
CLOCK HR. COR.	1.140	1.070	1.049	1.050	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000
KURTOSIS	3.450	6.461	5.085	4.230	3.671	3.334	3.032	2.843	2.729	2.759	2.301	2.539 4.241
N	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	4.700	7.860	8.810	8.810	9.260	9.260	10.010	10.010	10.470	11.160	14.930	29.120
NORMALIZED MAX	2.165	3.107	2.809	2.658	2.642	2.510	2.408	2.248	2.205	2.283	1.949	2.005 3.039
CALC. COEF. VAR	.387	.501	.557	.545	.537	.526	.497	.489	.462	.439	.417	.412
REGN. COEF. VAR	.475	.531	.554	.555	.565	.576	.587	.575	.553	.542	.523	.519
USED COEF. VAR	.475	.531	.554	.555	.565	.576	.587	.575	.553	.542	.523	.519
MEAN/A	.2010	.2418	.2701	.2830	.3011	.3140	.3316	.3561	.3900	.4114	.4840	.6433 1.0000
RP10/A	.3290	.4134	.4705	.4972	.5292	.5564	.5925	.6305	.6791	.7104	.8233	1.0910 1.5965
RP25/A	.4050	.5150	.5856	.6167	.6525	.6915	.7379	.7835	.8354	.8720	1.0011	1.3330 1.9090
RP50/A	.4518	.5892	.6692	.7028	.7408	.7889	.8428	.8938	.9474	.9857	1.1275	1.5063 2.1312
RP100/A	.5018	.6618	.7507	.7884	.8262	.8835	.9466	1.0099	1.0556	1.0996	1.2492	1.6738 2.3450
RP1000/A	.6608	.8960	1.0118	1.0527	1.0961	1.1847	1.2688	1.3419	1.3978	1.4534	1.6311	2.2036 3.0163
RP10000/A	.8134	1.1233	1.2638	1.3081	1.3532	1.4736	1.5797	1.6690	1.7237	1.7904	1.9920	2.7082 3.6508
PMP/A	1.6334	2.1678	2.5150	2.6810	2.8528	3.0265	3.2512	3.4272	3.6247	3.7559	4.2812	5.6512 7.6750

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE												
STATION NO. BSN ORDER 508 U03 8347 1	STATION NAME SOMIS SNYDER RANCH=54	ELEV 325	SEC 17	TWP 02N	RNG LOT 20W B	BWM 5	LATITUDE 34.263	LONGITUDE 118.996	COUNTY CODE 56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600 3650
2	2.36	2.80	3.11	3.36	3.55	3.69	3.92	4.33	4.87	5.22	6.19	8.19 12.86
5	3.50	4.37	4.92	5.34	5.61	5.90	6.34	6.93	7.64	8.12	9.45	12.53 18.55
10	4.25	5.44	6.13	6.63	6.94	7.35	7.92	8.64	9.42	9.99	11.52	15.32 22.15
20	4.95	6.46	7.27	7.85	8.17	8.71	9.40	10.23	11.07	11.73	13.42	17.91 25.46
25	5.17	6.78	7.63	8.22	8.55	9.13	9.86	10.73	11.59	12.27	14.01	18.72 26.49
40	5.63	7.44	8.37	9.01	8.74	10.01	10.91	11.76	11.84	12.53	15.21	19.11 28.59
50	5.84	7.75	8.71	9.37	9.71	10.42	11.26	12.24	13.14	13.89	15.78	21.15 29.57
100	6.48	8.71	9.77	10.49	10.83	11.67	12.62	13.71	14.64	15.47	17.48	23.50 32.54
200	7.11	9.65	10.81	11.58	11.92	12.89	13.95	15.14	16.10	17.00	19.13	25.80 35.42
1000	8.54	11.79	13.17	14.04	14.37	15.65	16.95	18.38	19.39	20.44	22.82	30.94 41.85
10000	10.51	14.78	16.46	17.45	17.74	19.47	21.11	22.86	23.91	25.18	27.67	38.03 50.66
PMP	21.10	28.52	32.75	35.75	37.40	39.98	43.44	46.94	50.27	52.83	59.90	79.36 106.50
MEAN	2.597	3.181	3.517	3.774	3.948	4.147	4.431	4.877	5.409	5.787	6.772	9.034 13.876
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.011	1.532	1.148	1.190	1.201	1.190	1.064	1.180	.801	.751	.738	.536 .750
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.000
KURTOSIS	4.666	6.576	4.369	4.780	4.957	4.909	4.205	4.911	3.373	3.421	3.057	2.578 3.578
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1955	1943	1969	1943	1969 1941
RECORD MAXIMUM	5.950	8.870	8.870	10.370	10.970	11.670	11.670	13.200	12.740	13.490	15.090	19.810 32.830
NORMALIZED MAX	2.969	3.719	3.145	3.455	3.670	3.709	3.392	3.415	3.800	4.011	4.580	2.643 3.395
CALC. COEF. VAR	.435	.481	.484	.486	.485	.489	.482	.500	.474	.450	.476	.451 .402
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519 .445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519 .445
MEAN/A	.1872	.2293	.2535	.2720	.2845	.2989	.3193	.3515	.3898	.4170	.4880	.6510 1.0000
RP10/A	.3064	.3920	.4415	.4779	.5000	.5297	.5705	.6224	.6788	.7201	.8302	1.1041 1.5965
RP25/A	.3728	.4887	.5597	.6062	.6360	.6709	.7106	.7641	.8201	.8480	1.0000	1.3400 1.9090
RP50/A	.4207	.5587	.6279	.6755	.7000	.7510	.8116	.8823	.9470	1.0013	1.1369	1.5244 2.1312
RP100/A	.4672	.6275	.7044	.7559	.7806	.8411	.9096	.9880	1.0551	1.1147	1.2595	1.6940 2.3650
RP1000/A	.6153	.8496	.9494	1.0118	1.0357	1.1278	1.2218	1.3246	1.3972	1.4734	1.6446	2.2301 3.0163
RP10000/A	.7574	1.0652	1.1859	1.2573	1.2768	1.4028	1.5212	1.6475	1.7229	1.8150	2.0985	2.7408 3.6508
PMP/A	1.5210	2.0554	2.3599	2.5768	2.6950	2.8812	3.1308	3.3830	3.6231	3.8076	4.3167	5.7194 7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U03 8350 2	STATION NAME SOMIS AODEN RCH	ELEV 375	SEC 12	TWP 02N	RNG LOT 21W L S	BWM S	LATITUDE 34.269	LONGITUDE 119.034	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.49	2.98	3.24	3.52	3.78	3.94	4.14	4.46	5.26	5.69	6.74	8.77	13.74
5	3.71	4.66	5.13	5.60	5.97	6.31	6.69	7.14	8.24	8.85	10.29	13.41	19.91
10	4.50	5.79	6.39	6.96	7.39	7.86	8.36	8.90	10.17	10.89	12.54	16.40	23.65
20	5.24	6.88	7.58	8.23	8.70	9.32	9.92	10.55	11.95	12.77	14.61	19.17	27.19
25	5.48	7.22	7.95	8.63	9.11	9.77	10.41	11.06	12.51	13.36	15.25	20.03	28.29
40	5.96	7.92	8.73	9.45	9.93	10.71	11.42	12.12	13.68	14.58	16.56	20.66	30.53
50	6.18	8.26	9.09	9.83	10.34	11.15	11.87	12.58	14.18	15.14	17.17	22.64	31.58
100	6.86	9.27	10.20	11.00	11.54	12.49	13.33	14.13	15.80	16.85	19.03	25.16	34.75
200	7.53	10.28	11.28	12.14	12.70	13.80	14.73	15.61	17.38	18.52	20.82	27.61	37.82
1000	9.04	12.56	13.74	14.73	15.30	16.75	17.90	18.94	20.92	22.27	24.84	33.12	44.69
10000	11.12	15.74	17.17	18.30	18.89	20.83	22.29	23.56	25.80	27.43	30.34	40.70	54.09
PMP	22.34	30.38	34.16	37.50	39.83	42.78	45.87	48.39	54.26	57.55	65.20	84.94	113.72
MEAN	2.750	3.388	3.669	3.958	4.204	4.438	4.678	5.027	5.838	6.304	7.372	9.669	14.817
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.547	1.519	1.124	1.036	1.193	1.368	1.471	1.280	1.048	0.880	0.915	0.688	0.752
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.075	6.485	5.070	3.910	5.351	5.586	6.299	5.609	4.563	3.844	3.930	2.805	3.657
N	57	57	61	64	66	66	67	67	67	67	67	67	67
RECORD YEAR	1956	1943	1943	1943	1962	1969	1969	1969	1962	1962	1962	1969	1941
RECORD MAXIMUM	6.570	9.530	9.980	9.980	11.070	11.320	12.870	12.870	14.990	14.990	17.240	20.770	32.460
NORMALIZED MAX	2.757	3.568	3.513	3.266	3.462	3.152	3.591	3.316	3.319	3.055	3.009	2.455	3.196
CALC. COEF. VAR	.504	.508	.490	.467	.472	.492	.468	.470	.472	.451	.445	.426	.731
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1856	.2287	.2476	.2671	.2837	.2995	.3157	.3393	.3940	.4254	.4975	.6525	1.0000
RP10/A	.3037	.3910	.4313	.4694	.4987	.5308	.5642	.6008	.6861	.7346	.8463	1.1067	1.5965
RP25/A	.3696	.4870	.5368	.5849	.6149	.6597	.7027	.7465	.8441	.9018	1.0281	1.3521	1.9090
RP50/A	.4171	.5572	.6134	.6635	.6981	.7526	.8025	.8516	.9571	1.0215	1.1590	1.5279	2.1312
RP100/A	.4632	.6259	.6881	.7424	.7785	.8429	.8995	.9537	1.0655	1.1372	1.2840	1.6979	2.3450
RP1000/A	.6100	.8474	.9274	.9938	1.0329	1.1302	1.2082	1.2786	1.4122	1.5031	1.6766	2.2553	3.0163
RP10000/A	.7508	1.0625	1.1585	1.2349	1.2752	1.4059	1.5043	1.5903	1.7415	1.8516	2.0476	2.7472	3.6506
PMP/A	1.5078	2.0501	2.3054	2.5310	2.6884	2.8874	3.0959	3.2655	3.6621	3.8843	4.4407	5.7326	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U03 8784 8	STATION NAME TAPO WATER CO-SIMI	ELEV 62	SEC 1080	TWP 02N	RNG LOT 21W L S	BWM S	LATITUDE 34.298	LONGITUDE 118.721	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	YEAR
2	2.53	3.06	3.34	3.58	3.78	3.87	4.10	4.44	5.08	5.36	6.29	8.36	13.38
5	3.76	4.77	5.20	5.69	5.98	6.20	6.62	7.11	7.96	8.34	9.61	12.79	19.38
10	4.57	5.94	6.58	7.07	7.39	7.72	8.27	8.86	9.81	10.26	11.71	15.64	23.05
20	5.33	7.05	7.80	8.37	8.71	9.15	9.82	10.50	11.54	12.04	13.64	18.29	26.47
25	5.56	7.40	8.19	8.77	9.11	9.60	10.30	11.01	12.07	12.59	14.24	19.11	27.56
40	6.05	8.12	8.98	9.61	9.91	10.52	11.30	12.07	13.34	13.86	15.47	19.51	29.75
50	6.28	8.46	9.36	10.00	10.35	10.95	11.77	12.56	13.69	14.27	16.04	21.59	30.76
100	6.97	9.50	10.50	11.19	11.54	12.27	13.19	14.06	15.26	15.88	17.77	24.00	33.85
200	7.65	10.53	11.61	12.35	12.70	13.55	14.58	15.54	16.78	17.45	19.45	26.34	36.95
1000	9.16	12.87	14.15	14.97	15.31	16.45	17.72	18.66	20.20	20.99	23.20	31.59	43.54
10000	11.30	16.13	17.67	18.61	18.90	20.46	22.06	23.45	24.91	25.86	28.34	38.63	52.70
PMP	22.69	31.13	35.17	38.14	39.85	42.02	45.46	48.16	52.38	54.24	60.90	81.02	110.79
MEAN	2.793	3.473	3.777	4.025	4.206	4.359	4.630	5.003	5.636	5.941	6.885	9.222	14.435
CLOCK HR. COR.	1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	.738	1.430	1.132	.934	.810	.810	.724	.748	.652	.645	.490	1.258	
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.132	5.785	3.949	3.282	3.084	3.011	2.894	2.689	2.711	2.486	3.017	3.498	5.030
N	43	43	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1956	1943	1943	1943	1943	1943	1943	1943	1943	1943	1941	1941	1941
RECORD MAXIMUM	4.920	8.060	9.340	9.340	9.340	9.720	10.440	10.400	11.800	11.600	15.170	21.300	34.830
NORMALIZED MAX	1.031	3.067	2.709	2.447	2.310	2.306	2.361	2.094	2.243	2.110	2.564	2.746	3.320
CALC. COEF. VAR	.418	.503	.544	.540	.527	.527	.529	.521	.488	.467	.469	.480	.426
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1935	.2406	.2617	.2788	.2914	.3020	.3207	.3466	.3904	.4116	.4770	.6389	1.0000
RP10/A	.3187	.4113	.4559	.4900	.5121	.5352	.5731	.6138	.6799	.7107	.8113	1.0835	1.5965
RP25/A	.3853	.5123	.5673	.6077	.6314	.6551	.7138	.7627	.8364	.8724	.9965	1.3238	1.9090
RP50/A	.4349	.5862	.6402	.6826	.7169	.7508	.8152	.8701	.9485	.9882	1.1111	1.4959	2.1312
RP100/A	.4829	.6504	.7271	.7750	.7992	.8498	.9137	.9743	1.0568	1.1002	1.2310	1.6623	2.3450
RP1000/A	.6300	.8914	.9800	1.0374	1.0691	1.1395	1.2273	1.3003	1.3994	1.4582	1.6300	2.1885	3.0163
RP10000/A	.7828	1.1177	1.2242	1.2890	1.3095	1.4174	1.5281	1.6247	1.7257	1.7913	1.9630	2.6966	3.6508
PMP/A	1.5721	2.1566	2.4361	2.6419	2.7608	2.9111	3.1449	3.3362	3.6290	3.7578	4.2188	5.6126	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 8905 0		STATION NAME THOUSAND OAKS 128		ELEV 539	SEC 810	TWP 11	RND LOT 01N 19W N	BWM 5	LATITUDE 34.179	LONGITUDE 118.849	COUNTY CODE 56		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.75	3.37	3.82	4.09	4.28	4.46	4.74	5.04	5.63	5.82	6.92	8.86	13.29
5	4.09	5.26	6.04	6.50	6.76	7.15	7.66	8.06	8.82	9.05	10.57	13.56	19.16
10	4.96	6.54	7.53	8.08	8.36	8.90	9.57	10.04	10.88	11.13	12.88	16.58	22.88
20	5.79	7.76	8.93	9.56	9.85	10.55	11.36	11.90	12.79	13.07	15.01	19.39	26.30
25	6.04	8.16	9.37	10.03	10.31	11.07	11.92	12.48	13.39	13.67	15.66	20.26	27.36
40	6.57	8.94	10.28	10.98	10.94	12.13	13.07	13.68	14.68	14.96	17.22	20.68	29.54
50	6.82	9.32	10.71	11.43	11.71	12.63	13.61	14.24	15.18	15.48	17.64	22.89	30.55
100	7.57	10.47	12.01	12.79	13.06	14.14	15.25	15.94	16.91	17.24	19.55	25.44	33.61
200	8.31	11.60	13.29	14.11	14.37	15.62	16.86	17.61	18.60	18.94	21.39	27.92	36.58
1000	9.97	14.17	16.19	17.11	17.32	18.96	20.49	21.38	22.40	22.78	25.52	33.49	43.23
10000	12.27	17.77	20.22	21.27	21.38	23.59	25.51	26.59	27.62	28.06	31.17	41.16	52.53
PMP	24.65	34.28	40.24	43.58	45.08	48.44	52.51	54.59	58.08	58.87	66.99	85.88	110.00
MEAN	3.033	3.824	4.323	4.600	4.758	5.025	5.355	5.672	6.249	6.448	7.574	9.776	14.333
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	+.477	+.420	+.369	+.497	+.362	+.716	1.239	1.197	1.330	1.258	1.081	1.008	1.032
REGIONAL SKEW	1.400	1.300	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	2.717	2.587	2.204	2.403	2.190	3.337	5.563	5.191	5.537	5.124	4.638	6.821	3.856
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1956	1969	1969	1968	1968	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	5.170	7.280	8.250	9.510	9.510	12.680	16.260	17.140	18.320	18.320	20.680	28.160	31.740
NORMALIZED MAX	1.000	1.876	1.712	1.935	1.835	2.862	3.332	3.249	3.299	3.299	3.147	3.496	2.444
CALC. COEF. VAR	.450	.482	.531	.552	.544	.572	.611	.622	.586	.572	.550	.538	.459
REGION. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445

MEAN/A	.2116	.2668	.3016	.3209	.3320	.3506	.3736	.3957	.4360	.4499	.5284	.6821	1.0000
RP10/A	.3464	.4562	.5253	.5643	.5813	.6613	.7563	.7769	.8753	.8989	1.1568	1.5965	
RP25/A	.4215	.5683	.6538	.6995	.7194	.7722	.8315	.8708	.9340	.9536	1.0929	1.4134	1.9070
RP50/A	.4757	.6501	.7471	.7972	.8168	.8810	.9434	.9934	1.0592	1.0802	1.2310	1.5971	2.1312
RP100/A	.5283	.7303	.8381	.8920	.9109	.9866	1.0643	1.1124	1.1901	1.2025	1.3637	1.7748	2.3450
RP1000/A	.6957	.9887	1.1295	1.1926	1.2085	1.3229	1.4296	1.4754	1.5627	1.5894	1.7907	2.3365	3.0163
RP10000/A	.8563	1.2397	1.4109	1.4837	1.4920	1.6456	1.7880	1.8549	1.9271	1.9580	2.1747	2.8715	3.6508
PMP/A	1.7196	2.3920	2.8077	3.0408	3.1454	3.3798	3.6633	3.8091	4.0524	4.1075	4.6739	5.9921	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 9182 5	STATION NAME UPPER OJAI-SUMMIT F5 65A	ELEV 1540	SEC 12	TWP 04N	RND LOT 22W P	BWM 5	LATITUDE 34.438	LONGITUDE 119.140	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.90	4.87	5.38	5.79	6.26	6.52	7.02	7.41	8.39	8.87	10.16	13.53	20.77
5	5.79	7.60	8.51	9.20	9.90	10.44	11.34	11.86	13.16	13.80	15.52	20.69	29.96
10	7.03	9.46	10.60	11.43	12.24	13.01	14.16	14.77	16.23	16.97	18.91	25.30	35.77
20	8.19	11.23	12.58	13.53	14.42	15.42	16.81	17.50	19.08	19.92	22.03	29.58	41.12
25	8.56	11.78	13.20	14.18	15.09	16.17	17.64	18.36	19.97	20.83	22.99	30.91	42.77
40	9.31	12.94	14.48	15.53	16.43	17.73	19.35	20.12	22.40	21.28	24.97	31.57	46.17
50	9.66	13.48	15.08	16.16	17.14	18.45	20.15	20.94	22.64	23.60	25.89	34.93	47.75
100	10.72	15.14	16.92	18.08	19.11	20.67	22.58	23.45	25.23	26.27	28.69	38.82	52.54
200	11.77	16.78	18.72	19.96	21.04	22.83	24.96	25.90	27.74	28.87	31.40	42.60	57.19
1000	14.12	20.50	22.80	24.20	25.36	27.71	30.33	31.44	33.40	34.72	37.46	51.11	67.58
10000	17.38	25.71	28.48	30.07	31.30	34.47	37.76	39.10	41.19	42.77	45.75	62.81	81.80
PMP	34.91	49.60	56.68	61.84	66.00	70.79	77.72	80.36	86.62	89.73	98.32	131.66	171.97
MEAN	4.297	5.533	6.088	6.505	6.965	7.344	7.927	8.342	9.319	9.828	11.116	14.919	22.406
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.345	1.615	1.411	1.263	1.227	1.047	1.841	1.818	1.752	1.620	1.665	1.893	1.367
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.861	6.254	5.235	4.468	4.414	6.349	7.356	7.195	6.606	5.940	6.420	7.685	4.780
N	44	45	45	45	45	45	45	45	45	45	45	45	47
RECORD YEAR	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	8.780	14.860	16.610	17.290	17.750	22.690	27.240	27.867	29.270	29.440	34.390	49.730	56.560
NORMALIZED MAX	2.294	3.267	3.198	2.667	2.714	3.517	3.844	3.815	3.709	3.601	3.768	3.979	3.125
CALC. COEF. VAR	.455	.513	.540	.559	.571	.594	.634	.613	.577	.554	.556	.586	.488
REGION. COEF. VAR	.531	.579	.554	.554	.576	.587	.597	.587	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1918	.2469	.2717	.2903	.3109	.3278	.3538	.3723	.4159	.4386	.4961	.6658	1.0000
RP10/A	.3139	.4222	.4733	.5102	.5464	.5806	.6321	.6593	.7243	.7574	.8439	1.1292	1.5965
RP25/A	.3819	.5259	.5891	.6328	.6737	.7219	.7873	.8193	.8911	.9297	1.0261	1.3797	1.9070
RP50/A	.4310	.6017	.6731	.7212	.7648	.8236	.8992	.9346	1.0105	1.0531	1.1556	1.5591	2.1312
RP100/A	.4786	.6789	.7551	.8076	.8530	.9208	1.0078	1.0466	1.1259	1.1724	1.2803	1.7326	2.3450
RP1000/A	.6303	.9150	1.0717	1.0802	1.1317	1.2360	1.3537	1.4031	1.4909	1.5497	1.6717	2.2809	3.0163
RP10000/A	.7758	1.1473	1.2712	1.3422	1.3971	1.5384	1.6854	1.7452	1.8385	1.9070	2.0417	2.8032	3.6508
PMP/A	1.5580	2.2139	2.5297	2.7509	2.9454	3.1596	3.4687	3.5837	3.8660	4.0047	4.3879	5.8495	7.6750

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U03 9618 0	STATION NAME WHEELER SP 7 N		ELEV 541	SEC 4150	TWP 21	RNG LOT 06N 23W	BWM S	LATITUDE 34.597	LONGITUDE 119.325	COUNTY CODE 56			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	3.81	5.03	5.41	5.70	6.22	6.19	6.50	7.28	7.95	8.36	10.00	13.58	21.60
5	5.67	7.86	8.56	9.06	9.84	9.91	10.49	11.66	12.46	13.01	15.28	20.78	31.15
10	6.88	9.78	10.67	11.26	12.17	12.35	13.11	14.53	15.37	16.00	18.61	25.41	37.19
20	8.02	11.00	12.65	13.32	14.34	14.64	15.56	17.21	18.07	18.77	21.68	29.71	42.75
25	8.37	12.18	13.28	13.96	15.01	15.35	16.33	18.05	18.90	19.64	22.63	31.04	44.47
40	9.11	13.37	14.57	15.29	16.34	16.83	17.91	19.79	20.62	21.36	24.59	31.70	48.11
50	9.45	13.93	15.17	15.91	17.04	17.52	18.65	20.59	21.44	22.24	25.49	32.98	49.65
100	10.49	15.65	17.02	17.81	19.00	19.62	20.90	23.06	23.89	24.76	28.24	38.98	54.63
200	11.52	17.34	18.83	19.66	20.91	21.67	23.11	25.47	26.27	27.22	30.91	42.78	59.47
1000	13.82	21.19	22.94	23.84	25.21	26.30	28.08	30.92	31.63	32.73	36.88	51.32	70.27
10000	17.01	26.57	28.65	29.62	31.12	32.72	34.96	38.46	39.01	40.32	45.04	63.07	85.05
PMP	34.16	51.26	57.01	60.71	65.62	67.20	71.95	78.97	82.02	84.59	96.79	131.62	178.81
MEAN													
CLOCK HR. COR.	4.240	5.718	6.124	6.407	6.925	6.971	7.338	8.205	8.824	9.265	10.943	14.982	23.297
CALCULATED SKEW	1.3140	1.870	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.539	1.893	1.801	1.636	1.331	1.475	1.371	1.456	1.263	1.119	1.033	1.236	1.243
SKEW USED	1.400	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000

KURTOSIS	5.946	9.085	8.032	6.445	4.974	5.557	4.982	4.885	4.393	3.758	3.169	4.040	4.149
N	42	41	41	41	42	41	41	42	41	41	43	43	43
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	9.560	17.560	19.660	19.680	20.170	20.800	20.870	22.780	22.590	22.720	24.700	39.390	58.320
NORMALIZED MAX	2.645	3.721	3.721	3.721	3.155	3.260	3.251	3.600	2.775	2.627	2.356	2.899	3.249
CALC. COEF. VAR	.500	.555	.594	.604	.606	.608	.585	.625	.562	.553	.533	.562	.493
REGN. COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
USED COEF. VAR	.475	.531	.554	.565	.565	.576	.587	.575	.553	.542	.523	.519	.445
MEAN/A	.1805	.2454	.2629	.2750	.2973	.2992	.3150	.3522	.3768	.3977	.4697	.6431	1.0000
RP10/A	.2954	.4196	.4570	.4833	.5225	.5302	.5628	.6236	.6596	.6867	.7990	1.0706	1.5965
RP25/A	.3594	.5227	.5599	.5894	.6444	.6569	.7049	.7749	.8115	.8429	.9715	1.3325	1.9090
RP50/A	.4056	.5980	.6512	.6831	.7314	.7518	.8005	.8840	.9202	.9548	1.0942	1.5058	2.1312
RP100/A	.4505	.6718	.7305	.7641	.8156	.8420	.8972	.9899	1.0253	1.0630	1.2123	1.6732	2.3450
RP1000/A	.5933	.9055	.9845	1.0232	1.0922	1.1290	1.2052	1.3272	1.3577	1.4050	1.5829	2.2029	3.0163
RP10000/A	.7302	1.1403	1.2298	1.2715	1.3600	1.4048	1.5005	1.6743	1.7307	1.8331	2.1073	3.0508	4.1681
PMP/A	1.4684	2.2003	2.4472	2.6059	2.8165	2.8844	3.0882	3.3896	3.5207	3.6307	4.1547	5.6494	7.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U04 4706 11	STATION NAME LAKE SHERWOOD	ELEV 1218	SEC 990	TWP 28	RNG LOT 01N 19W 0	BWM S	LATITUDE 34.141	LONGITUDE 118.876	COUNTY CODE 56				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	YEAR
2	3.29	4.11	4.56	4.93	5.27	5.44	5.87	6.22	6.81	7.22	8.68	11.51	17.98
5	4.95	6.33	7.08	7.62	8.10	8.38	9.03	9.51	10.36	10.90	12.85	17.24	25.37
10	6.04	7.84	8.77	9.39	9.93	10.30	11.10	11.66	12.65	13.26	15.49	20.93	30.05
20	7.07	9.28	10.39	11.04	11.62	12.10	13.04	13.68	14.78	15.46	17.93	24.35	34.36
25	7.39	9.74	10.85	11.55	12.15	12.67	13.64	14.31	15.44	16.15	18.68	25.42	35.69
40	8.05	10.68	11.88	12.62	13.24	13.83	14.89	15.61	16.76	17.48	20.22	25.94	38.42
50	8.35	11.12	12.37	13.12	13.74	14.37	15.46	16.22	17.44	18.21	20.94	26.63	39.69
100	9.29	12.47	13.84	14.64	15.27	16.03	17.26	18.07	19.37	20.20	23.12	31.74	43.55
200	10.21	13.80	15.29	16.12	16.77	17.64	19.00	19.88	21.25	22.15	25.23	34.77	47.29
1000	12.28	16.83	18.57	19.47	20.13	21.30	22.93	23.97	25.47	26.51	29.95	41.57	55.66
10000	15.14	21.07	23.14	24.11	24.76	26.35	28.37	29.62	31.28	32.52	36.41	50.94	67.10
PMP	30.58	40.53	45.80	49.03	51.75	53.52	57.60	60.03	65.18	67.58	77.39	105.55	139.68
MEAN	3.636	4.645	5.135	5.496	5.821	6.061	6.535	6.916	7.497	7.934	9.421	12.618	19.293
CLOCK HR. COR.	1.140	1.070	1.040	1.030	1.030	1.020	1.010	1.010	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	1.843	2.826	1.524	1.201	1.086	1.063	1.073	1.051	1.054	1.054	1.005	1.000	1.000
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.100	1.200	1.200	1.200	1.200	1.100	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000

KURTOSIS	7.019	8.739	5.974	4.273	3.920	4.822	5.712	5.680	5.805	5.481	4.706	4.983	3.022
N	33	33	33	33	33	33	33	33	33	33	32	32	35
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1941
RECORD MAXIMUM	9.340	14.700	15.160	15.260	15.600	17.090	20.930	21.21	22.850	23.070	25.910	34.100	41.580
NORMALIZED MAX	2.756	3.459	3.159	2.638	2.728	2.762	3.185	3.184	3.240	3.195	3.096	3.150	2.438
CALC. COEF. VAR	.569	.626	.618	.626	.616	.659	.692	.649	.632	.597	.565	.540	.474
REGN. COEF. VAR	.519	.586	.558	.528	.528	.528	.521	.512	.501	.481	.491	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.501	.481	.491	.491	.416
MEAN/A	.1889	.2408	.2662	.2849	.3017	.3142	.3387	.3585	.3886	.4112	.4883	.6541	1.0000
RP10/A	.3133	.4065	.4544	.4865	.5146	.5340	.5753	.6045	.6559	.6875	.8031	1.0947	1.5576
RP25/A	.3828	.5046	.5625	.5989	.6296	.6565	.7071	.7416	.8004	.8369	.9681	1.3174	1.8498
RP50/A	.4330	.5763	.6409	.6800	.7120	.7449	.8022	.8405	.9038	.9438	1.0854	1.4641	2.0575
RP100/A	.4817	.6465	.7174	.7597	.7916	.8257	.8955	.9365	1.0039	1.0472	1.196	1.613	2.2974
RP1000/A	.6367	.8726	.9626	1.0092	1.0435	1.1038	1.1884	1.2422	1.3202	1.3741	1.5525	2.1549	2.8849
RP10000/A	.7855	1.0923	1.1993	1.2495	1.2834	1.3658	1.4703	1.5355	1.6215	1.6855	1.8874	2.6403	3.4781
PMP/A	1.5850	2.1009	2.3742	2.5413	2.6825	2.7742	2.9856	3.1116	3.3787	3.5018	4.0114	5.4712	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB UDA 8967 0	STATION NAME TOPANOA PAT STA FC6	ELEV 745	SEC 18	TWP 015	RNG LOT 16W F	BWM S	LATITUDE 34.084	LONGITUDE 118.599	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.30	5.34	6.03	6.49	6.56	7.10	7.66	8.06	8.92	9.56	10.96	14.52	22.29
5	6.48	8.24	9.36	10.03	10.08	10.92	11.78	12.31	13.58	14.43	16.23	21.75	31.46
10	7.91	10.21	11.58	12.35	12.35	13.43	14.48	15.09	16.58	17.57	19.57	26.40	37.26
20	9.25	12.08	13.67	14.53	14.46	15.78	17.01	17.70	19.37	20.48	22.64	30.73	42.60
25	9.67	12.67	14.33	15.20	15.11	16.51	17.79	18.52	20.24	21.38	23.59	32.07	44.25
40	10.53	13.89	15.69	16.61	15.43	18.03	19.43	20.20	22.66	21.83	25.54	32.73	47.64
50	10.94	14.47	16.33	17.26	17.09	18.73	20.19	20.99	23.62	22.42	26.45	36.13	49.22
100	12.17	16.23	18.28	19.26	19.00	20.89	22.51	23.38	25.38	26.76	29.20	40.05	54.00
200	13.37	17.96	20.19	21.21	20.86	23.00	24.78	25.73	27.84	29.33	31.87	43.87	58.64
1000	16.09	21.91	24.53	26.62	26.05	27.76	29.91	31.02	33.38	35.11	37.93	52.45	69.01
10000	19.84	27.42	30.56	31.72	30.80	34.35	37.00	38.34	40.99	43.07	45.99	64.27	83.20
PMP	40.04	52.75	60.50	64.52	64.39	69.76	75.14	77.69	85.42	89.48	97.75	133.18	173.19
MEAN	4.761	6.045	6.782	7.233	7.243	7.901	8.524	8.951	9.824	10.509	11.899	15.921	23.921
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.469	1.530	1.115	1.069	1.101	1.202	1.435	1.417	1.450	1.298	1.273	1.115	1.040
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
USED SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.530	5.574	3.607	3.527	3.758	4.029	5.346	5.396	5.591	4.893	4.868	4.399	3.849
N	47	47	47	47	46	46	46	47	47	47	47	47	47
RECORD YEAR	1943	1943	1943	1962	1962	1969	1969	1969	1969	1969	1969	1969	1941
RECORD MAXIMUM	12.440	16.470	17.370	18.410	19.570	21.460	27.200	28.550	31.440	31.620	34.760	44.140	54.640
NORMALIZED MAX	2.888	2.922	2.558	2.562	2.808	2.794	3.741	3.480	3.509	3.356	3.417	3.305	2.913
CALC. COEF. VAR	.559	.590	.410	.403	.589	.614	.635	.630	.627	.599	.562	.536	.441
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1990	.2527	.2835	.3024	.3028	.3303	.3563	.3742	.4107	.4393	.4974	.6656	1.0000
RP10/A	.3308	.4267	.4840	.5164	.5163	.5614	.6052	.6310	.6932	.7344	.8182	1.1038	1.5576
RP25/A	.4043	.5297	.5991	.6518	.6502	.7143	.7741	.8049	.8840	.9462	1.0862	1.3406	1.8498
RP50/A	.4573	.6049	.6827	.7216	.7144	.7831	.8439	.8773	.9553	1.0082	1.1057	1.5102	2.0575
RP100/A	.5087	.6785	.7642	.8052	.7943	.8733	.9410	.9776	1.0610	1.1187	1.2207	1.6742	2.2574
RP1000/A	.6725	.9159	1.0254	1.0710	1.0471	1.1604	1.2502	1.2956	1.3953	1.4679	1.5816	2.1928	2.8649
RP10000/A	.8295	1.1465	1.2775	1.3261	1.2878	1.4359	1.5468	1.6027	1.7138	1.8006	1.9228	2.6867	3.4781
PMP/A	1.6739	2.2051	2.5291	2.6971	2.6917	2.9165	3.1411	3.2479	3.5711	3.7408	4.0865	5.6574	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB UDS 14 0	STATION NAME ACTON ESCONDIDO CANYON	ELEV 2940	SEC 30	TWP 05N	RNG LOT 13W A	BWM S	LATITUDE 34.492	LONGITUDE 118.275	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.57	1.89	2.18	2.31	2.40	2.52	2.72	2.94	3.34	3.69	4.17	5.47	9.22
5	2.37	2.91	3.38	3.57	3.69	3.89	4.18	4.50	5.09	5.56	6.18	8.19	13.01
10	2.89	3.60	4.18	4.40	4.52	4.78	5.14	5.51	6.22	6.77	7.45	9.94	15.41
20	3.38	4.26	4.94	5.18	5.30	5.61	6.03	6.47	7.26	7.89	8.62	11.57	17.61
25	3.54	4.47	5.18	5.42	5.54	5.87	6.31	6.76	7.59	8.24	8.98	12.08	18.30
40	3.85	4.90	5.67	5.92	5.65	6.41	6.89	7.38	8.57	9.41	9.73	12.32	19.70
50	4.00	5.11	5.90	6.15	6.26	6.66	7.16	7.67	8.57	9.30	10.07	13.60	20.35
100	4.45	5.73	6.60	6.86	6.96	7.43	7.99	8.54	9.52	10.31	11.12	15.08	22.33
200	4.89	6.34	7.29	7.56	7.64	8.18	8.79	9.40	10.44	11.31	12.14	16.52	24.25
1000	5.88	7.73	8.86	9.13	9.17	9.87	10.61	11.33	12.51	13.53	14.41	19.75	28.54
10000	7.26	9.68	11.04	11.31	11.28	12.22	13.13	14.00	15.37	16.60	17.52	24.20	34.40
PMP	14.65	18.61	21.85	22.99	23.58	24.82	26.66	28.36	32.02	34.49	37.23	50.15	71.61
MEAN	1.741	2.133	2.450	2.578	2.653	2.811	3.024	3.269	3.683	4.051	4.532	5.995	9.891
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.543	1.500	1.121	1.026	1.065	1.019	1.913	1.908	1.750	1.819	1.847	1.239	1.107
REGIONAL SKEW	1.200	1.400	1.300	1.100	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
USED SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.915	5.894	4.325	3.660	3.408	3.677	3.219	3.316	2.734	2.728	2.868	3.665	3.759
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1969	1941	1969	1941
RECORD MAXIMUM	4.300	5.730	6.390	6.410	6.470	7.050	7.130	7.690	8.190	8.560	9.970	14.890	22.850
NORMALIZED MAX	2.603	2.930	2.767	2.663	2.575	2.544	2.298	2.358	2.141	1.997	2.186	2.348	2.576
CALC. COEF. VAR	.564	.576	.581	.558	.559	.593	.591	.573	.572	.557	.549	.618	.509
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1761	.2156	.2477	.2606	.2682	.2842	.3057	.3305	.3724	.4095	.4582	.6061	1.0000
RP10/A	.2977	.3841	.4474	.4874	.4974	.5428	.5913	.6254	.6985	.7536	.8177	1.0552	1.5576
RP25/A	.3576	.4519	.5234	.5479	.5596	.5938	.6383	.6638	.7670	.8334	.9084	1.2209	1.8498
RP50/A	.4045	.5161	.5965	.6220	.6329	.6737	.7241	.7750	.8661	.9399	1.0185	1.2754	2.0575
RP100/A	.4500	.5799	.6677	.6940	.7036	.7513	.8074	.8635	.9620	1.0428	1.1261	1.5247	2.2574
RP1000/A	.5948	.7815	.8958	.9232	.9275	1.0083	1.0727	1.1454	1.2651	1.3684	1.4568	1.9970	2.8849
RP10000/A	.7338	.9782	1.1161	1.1430	1.1407	1.2353	1.3272	1.4151	1.5538	1.6785	1.7711	2.4468	3.4761
PMP/A	1.4807	1.8815	2.2096	2.3247	2.3843	2.5091	2.6951	2.8690	3.2377	3.4872	3.7641	5.0702	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 115 0	STATION NAME ALISO CANYON OAT MTN	ELEV 2367	SEC 34	TWP 03N	RNG LOT 16W	8MM 5	LATITUDE 34.315	LONGITUDE 118.557	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.40	4.41	4.94	5.44	5.69	6.12	6.70	7.20	8.00	8.51	10.00	12.62	20.65
5	5.13	6.80	7.67	8.41	8.75	9.42	10.30	11.00	12.19	12.84	14.91	18.91	29.14
10	6.26	8.43	9.48	10.36	10.72	11.58	12.67	13.49	14.88	15.63	17.97	22.96	34.46
20	7.32	9.97	11.20	12.18	12.55	13.61	14.88	15.82	17.38	18.22	20.79	26.71	39.46
25	7.65	10.46	11.74	12.75	13.12	14.24	15.57	16.55	18.16	19.03	21.66	27.88	40.99
40	8.34	11.47	12.86	13.92	14.40	15.55	16.99	18.05	19.84	19.42	23.45	28.45	44.13
50	8.66	11.95	13.38	14.44	14.84	16.16	17.66	18.76	20.51	21.46	24.28	31.41	45.59
100	9.63	13.40	14.98	16.15	16.50	18.02	19.69	20.94	22.78	23.81	26.81	34.02	50.02
200	10.58	14.83	16.54	17.78	18.12	19.84	21.68	22.90	24.90	26.10	29.20	38.14	54.32
1000	12.73	18.09	20.09	21.48	21.75	23.94	26.16	27.72	29.95	31.25	34.74	45.61	63.93
10000	15.70	22.64	25.03	26.59	26.75	29.43	32.37	34.20	36.79	38.33	42.23	55.88	77.07
PMP	31.68	43.55	49.56	54.09	55.91	60.17	65.73	69.43	76.66	79.62	89.75	115.79	160.43
MEAN	3.767	4.991	5.556	6.064	6.289	6.815	7.457	7.999	8.816	9.351	10.926	13.842	22.160
CLOCK MR. COR.	1.140	1.070	1.092	1.060	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.058	.998	.810	.712	.794	.820	1.107	1.134	1.171	1.164	.835	1.014	.655
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.519	3.145	2.645	2.275	2.540	2.619	3.463	3.517	3.750	3.674	2.871	3.550	2.622
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1956	1966	1966	1962	1962	1962	1969	1969	1969	1969	1969	1969	1958
RECORD MAXIMUM	7.170	10.070	11.520	12.810	14.330	14.900	19.170	19.400	21.480	21.970	23.720	32.200	41.320
NORMALIZED MAX	1.731	1.824	1.843	1.787	2.003	1.925	2.357	2.250	2.315	2.338	2.177	2.435	1.957
CALC. COEF. VAR	.522	.558	.582	.623	.638	.617	.666	.644	.620	.577	.538	.547	.442
REGION. COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1700	.2252	.2507	.2736	.2838	.3075	.3365	.3610	.3979	.4220	.4930	.6247	1.0000
RP10/A	.2826	.3803	.4280	.4673	.4840	.5227	.5715	.6087	.6715	.7055	.8109	1.0359	1.5576
RP25/A	.3453	.4721	.5298	.5753	.5922	.6426	.7025	.7468	.8195	.8587	.9775	1.2593	1.8498
RP50/A	.3706	.5391	.6037	.6531	.6697	.7291	.7970	.8464	.9254	.9684	1.0959	1.4175	2.0575
RP100/A	.4345	.6047	.6758	.7267	.7446	.8131	.8887	.9431	1.0276	1.0745	1.2099	1.5714	2.2574
RP1000/A	.5744	.8163	.9068	.9693	.9815	1.0805	1.1807	1.2509	1.3517	1.4100	1.5676	2.0581	2.8849
RP10000/A	.7086	1.0218	1.1297	1.2001	1.2071	1.3369	1.4608	1.5461	1.6602	1.7295	1.9058	2.5216	3.4701
PMP/A	1.4298	1.9653	2.2365	2.4400	2.5230	2.7154	2.9664	3.1333	3.4593	3.5932	4.0504	5.2254	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 1057 1	STATION NAME BREA UNION DIL	ELEV 375	SEC	TWP	RNG LOT	8MM	LATITUDE 33.930	LONGITUDE 117.915	COUNTY CODE 30
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	2.40	2.94	3.17	3.38	3.52	3.62	3.82	3.92	4.12
5	3.62	4.53	4.92	5.22	5.42	5.52	5.82	5.92	6.22
10	4.41	5.62	6.08	6.43	6.73	6.83	7.13	7.23	7.53
20	5.16	6.65	7.18	7.56	7.86	7.96	8.26	8.36	8.66
25	5.39	6.97	7.53	7.91	8.21	8.31	8.61	8.71	9.01
40	5.87	7.65	8.25	8.64	8.94	9.04	9.34	9.44	9.74
50	6.10	7.96	8.58	8.98	9.28	9.38	9.68	9.78	10.08
100	6.79	8.93	9.60	10.02	10.32	10.42	10.72	10.82	11.12
200	7.46	9.88	10.61	11.04	11.34	11.44	11.74	11.84	12.14
1000	8.97	12.05	12.89	13.33	13.63	13.73	14.03	14.13	14.43
10000	11.06	15.09	16.06	16.50	16.80	16.90	17.20	17.30	17.60
PMP	22.33	29.02	31.76	33.56	35.36	36.16	38.96	40.76	43.56
MEAN	2.655	3.326	3.563	3.763	3.936	4.036	4.236	4.336	4.536
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.920	1.292	.958	.782	1.210	1.210	1.210	1.210	1.210
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100
KURTOSIS	3.330	9.279	3.857	3.244	4.719	4.719	4.719	4.719	4.719
N	42	42	42	42	42	42	42	42	42
RECORD YEAR	1931	1956	1956	1956	1941	1941	1941	1941	1941
RECORD MAXIMUM	5.240	8.540	8.540	8.540	32.630	32.630	32.630	32.630	32.630
NORMALIZED MAX	1.926	2.920	2.596	2.409	3.221	3.221	3.221	3.221	3.221
CALC. COEF. VAR	.505	.537	.538	.527	.443	.443	.443	.443	.443
REGION. COEF. VAR	.494	.515	.528	.528	.416	.416	.416	.416	.416
USED COEF. VAR	.494	.515	.528	.528	.416	.416	.416	.416	.416
MEAN/A	.1947	.2439	.2613	.2760	1.0000	1.0000	1.0000	1.0000	1.0000
RP10/A	.3236	.4119	.4461	.4713	1.5576	1.5576	1.5576	1.5576	1.5576
RP25/A	.3955	.5113	.5522	.5801	1.8893	1.8893	1.8893	1.8893	1.8893
RP50/A	.4473	.5839	.6292	.6586	2.0753	2.0753	2.0753	2.0753	2.0753
RP100/A	.4976	.6549	.7044	.7348	2.2840	2.2840	2.2840	2.2840	2.2840
RP1000/A	.6578	.8841	.9451	.9775	2.9442	2.9442	2.9442	2.9442	2.9442
RP10000/A	.8115	1.1066	1.1774	1.2103	3.5729	3.5729	3.5729	3.5729	3.5729
PMP/A	1.6374	2.1285	2.3309	2.4615	7.2400	7.2400	7.2400	7.2400	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
U05 1194 0	BURBANK AP	655	09	01N 14W	M 5		34.186	118.348	70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.62	3.15	3.49	3.64	3.80	4.00	4.34	4.61	5.20	5.52	6.30	8.41	13.05
5	3.95	4.85	5.42	5.62	5.84	6.16	6.67	7.04	7.92	8.34	9.33	12.60	18.40
10	4.83	6.01	6.70	6.93	7.16	7.58	8.21	8.63	9.67	10.15	11.24	15.30	21.81
20	5.64	7.12	7.92	8.14	8.38	8.90	9.64	10.13	11.29	11.63	13.01	17.80	24.93
25	5.90	7.46	8.30	8.52	8.76	9.31	10.09	10.59	11.80	12.35	13.55	18.58	25.90
40	6.42	8.19	9.08	9.31	9.54	10.17	11.01	11.56	12.85	13.41	14.68	19.96	27.89
50	6.67	8.52	9.45	9.68	9.91	10.57	11.44	12.00	13.32	13.93	15.20	20.33	28.40
100	7.42	9.56	10.58	10.80	11.01	11.78	12.76	13.38	14.80	15.46	16.78	23.21	31.61
200	8.15	10.58	11.69	11.89	12.09	12.97	14.05	14.72	16.24	16.94	18.31	25.42	34.32
1000	9.81	12.91	14.20	14.36	14.52	15.66	16.95	17.74	19.46	20.28	22.00	30.40	40.40
10000	12.10	16.16	17.69	17.78	17.85	19.37	20.97	21.93	23.90	24.68	27.13	37.24	47.70
PMP	24.42	31.07	35.02	36.17	37.32	39.35	42.59	44.44	49.81	51.69	56.16	77.17	101.38
MEAN	2.904	3.562	3.926	4.055	4.198	4.457	4.831	5.120	5.729	6.071	6.837	9.226	14.002
CLOCK HR. COR.	1.140	1.070	1.040	1.030	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.818	1.350	1.104	1.100	1.090	1.070	1.048	1.040	1.008	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.000	1.000	1.000	1.000
KURTOSIS	6.081	5.215	3.706	3.677	3.480	3.796	4.001	3.762	3.628	4.229	4.432	4.276	4.276
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1944	1944	1944	1952	1962	1952	1969	1969	1969	1969	1969	1969	1944
RECORD MAXIMUM	7.760	9.000	9.150	9.450	10.090	11.050	12.880	12.990	14.110	16.010	17.050	23.210	33.050
NORMALIZED MAX	2.649	2.720	2.246	2.144	2.244	2.242	2.443	2.395	2.281	2.554	2.605	2.605	2.605
CALC. COEF. VAR	.631	.561	.593	.621	.625	.660	.665	.642	.641	.641	.595	.627	.512
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2074	.2544	.2804	.2896	.2998	.3183	.3450	.3657	.4091	.4336	.4883	.6589	1.0000
RP10/A	.3447	.4294	.4786	.4946	.5113	.5410	.5860	.6184	.6905	.7248	.8036	1.0827	1.5576
RP25/A	.4212	.5331	.5925	.6088	.6254	.6651	.7203	.7565	.8427	.8823	1.0000	1.3271	1.9098
RP50/A	.4764	.6088	.6751	.6912	.7074	.7546	.8151	.8573	.9516	.9950	1.0853	1.4951	2.2575
RP100/A	.5360	.6829	.7573	.7712	.7865	.8416	.9112	.9553	1.0589	1.1040	1.1981	1.6574	2.0574
RP1000/A	.7006	.9218	1.0140	1.0258	1.0368	1.1183	1.2105	1.2671	1.3900	1.4447	1.5524	2.1707	2.8849
RP10000/A	.8643	1.1538	1.2633	1.2701	1.2751	1.3837	1.4977	1.5662	1.7072	1.7770	1.8872	2.6957	3.4781
PMP/A	1.7440	2.2192	2.5009	2.5832	2.6652	2.8105	3.0414	3.1739	3.5573	3.6917	4.0110	5.5114	7.2403

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
U05 1896 0	COLBY FC 530	3675	35	03N 12W		5	34.200	118.111	70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.09	6.49	7.38	7.86	8.42	8.72	9.16	9.73	10.76	11.63	13.43	16.79	26.16
5	7.67	10.01	11.45	12.15	12.94	13.42	14.12	14.86	16.39	17.55	19.92	25.13	38.92
10	9.36	12.40	14.17	14.96	15.85	16.51	17.35	18.22	20.01	21.36	23.98	30.54	47.72
20	16.95	14.67	16.73	17.59	18.56	19.39	20.38	21.37	23.37	24.91	27.74	35.54	49.99
25	11.44	15.39	17.54	16.41	19.40	20.29	21.33	22.35	24.42	26.01	28.90	37.09	51.93
40	12.46	16.87	19.20	20.11	19.81	22.15	23.28	24.39	24.93	26.54	31.27	37.85	55.91
50	12.94	17.57	19.98	20.90	20.50	23.02	24.20	25.33	27.57	29.33	32.02	39.49	61.79
100	14.39	19.71	22.37	23.32	24.39	25.08	26.98	28.63	30.62	32.54	35.77	46.32	63.37
200	15.82	21.82	24.71	25.69	26.78	28.27	29.70	31.06	33.60	35.67	39.04	50.74	68.81
1000	19.03	26.61	30.01	31.03	32.15	34.12	35.85	37.44	40.27	42.70	50.05	60.07	80.00
10000	23.47	33.31	37.39	38.41	39.54	42.22	44.35	46.28	49.48	52.08	56.35	74.34	97.64
PMP	47.36	64.06	74.02	76.13	82.64	85.75	90.06	93.79	103.07	108.62	119.76	154.04	203.24
MEAN	5.632	7.342	8.299	8.759	9.296	9.711	10.217	10.805	11.854	12.779	14.578	18.415	26.072
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.133	1.203	1.291	1.327	1.195	1.037	1.203	1.471	1.240	1.205	1.009	1.387	1.751
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.100	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.100	1.100	1.100	1.000	1.000	1.000
KURTOSIS	4.356	5.085	5.129	5.150	4.653	4.362	5.212	6.018	4.986	4.918	3.921	5.682	3.170
N	74	73	73	73	73	73	73	73	73	73	73	74	74
RECORD YEAR	1922	1922	1922	1922	1922	1922	1969	1922	1922	1922	1922	1969	1969
RECORD MAXIMUM	13.850	21.220	26.400	27.550	28.810	29.000	31.410	34.100	37.480	39.080	39.640	59.230	66.580
NORMALIZED MAX	2.722	3.368	3.527	3.502	3.444	3.387	3.478	3.477	3.564	3.414	3.012	3.762	2.688
CALC. COEF. VAR	.536	.561	.606	.613	.610	.606	.607	.603	.607	.603	.571	.586	.475
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2006	.2616	.2956	.3120	.3311	.3459	.3640	.3849	.4223	.4552	.5193	.6860	1.00000
RP10/A	.3335	.4416	.5046	.5328	.5647	.5880	.6181	.6491	.7128	.7611	.8541	1.0871	1.5576
RP25/A	.4075	.5481	.6247	.6559	.6909	.7229	.7598	.7963	.8698	.9264	1.0629	1.4649	2.1576
RP50/A	.4609	.6290	.7118	.7447	.7814	.8206	.8620	.9025	.9822	1.0448	1.1543	1.4885	2.6575
RP100/A	.5127	.7022	.7960	.8368	.8868	.9146	.9611	1.0056	1.0959	1.1592	1.2743	1.6052	2.5754
RP1000/A	.6778	.9479	1.0691	1.1052	1.1452	1.2154	1.2770	1.3338	1.4347	1.5211	1.6512	2.1613	2.8808
RP10000/A	.8361	1.1865	1.3320	1.3684	1.4084	1.5038	1.5799	1.6467	1.7621	1.8658	2.0073	2.6461	3.4781
PMP/A	1.6672	2.2620	2.6369	2.7931	2.9438	3.0545	3.2092	3.3410	3.6717	3.8764	4.2682	5.4874	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
U05 3288 0	FULLERTON HILLCRST RE	340						33.887	117.904	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS N=HOURS

RETURN PERIOD IN YEARS	10	20	30	40	# YR
2	2.36	2.93	3.27	3.47	12.22
5	3.56	4.51	5.07	5.36	17.30
10	4.35	5.59	6.28	6.60	20.57
20	5.08	6.61	7.42	7.76	23.60
25	5.31	6.94	7.77	8.12	24.55
40	5.79	7.61	8.51	8.87	25.01
50	6.01	7.92	8.86	9.22	27.40
100	6.68	8.89	9.91	10.29	30.16
200	7.34	9.84	10.95	11.33	32.64
1000	8.63	12.00	13.30	13.69	38.87
10000	10.90	15.02	16.57	16.95	47.17
PMP	21.99	28.88	32.81	34.46	95.59
MEAN	2.615	3.310	3.678	3.864	13.203
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000
CALCULATED SKEW	.865	.696	.627	.458	1.329
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100
SKEW USED	1.200	1.400	1.300	1.200	1.100
KURTOSIS	3.269	2.532	2.585	2.310	5.299
N	42	42	42	42	42
RECORD YEAR	1956	1956	1956	1956	1941
RECORD MAXIMUM	5.160	6.660	7.830	7.830	36.190
NORMALIZED MAX	2.014	2.006	2.234	2.144	3.439
CALC. COEF. VAR	.493	.505	.505	.479	.506
REGION. COEF. VAR	.494	.515	.528	.528	.416
USED COEF. VAR	.494	.515	.528	.528	.416
MEAN/A	.1981	.2507	.2786	.2926	1.0000
RP10/A	.3292	.4233	.4755	.4998	1.9578
RP25/A	.4623	.5255	.5887	.6152	1.8593
RP50/A	.4550	.6061	.6708	.6994	2.0753
RP100/A	.5062	.6732	.7509	.7793	2.2840
RP1000/A	.6692	.9087	1.0075	1.0366	2.9442
RP10000/A	.8255	1.1374	1.2552	1.2635	3.5729
PMP/A	1.6657	2.1877	2.4849	2.6103	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
U05 3289 3	FULLERTON A P	94						33.871	117.976	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS N=HOURS

RETURN PERIOD IN YEARS	10	20	30	40	# YR
2	2.15	2.64	2.80	2.95	11.02
5	3.25	4.07	4.34	4.58	15.60
10	3.96	5.05	5.37	5.62	18.55
20	4.63	5.97	6.35	6.61	21.29
25	4.84	6.26	6.65	6.92	22.14
40	5.27	6.87	7.28	7.58	22.95
50	5.47	7.15	7.58	7.85	24.71
100	6.09	8.03	8.48	8.76	27.19
200	6.69	8.88	9.37	9.65	29.61
1000	8.03	10.63	11.38	11.66	35.05
10000	9.49	13.56	14.18	14.43	42.54
PMP	20.04	26.08	28.06	29.36	86.20
MEAN	2.363	2.989	3.148	3.291	11.906
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000
CALCULATED SKEW	1.021	1.333	.974	.759	.965
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100
SKEW USED	1.200	1.400	1.300	1.200	1.100
KURTOSIS	4.112	4.819	3.006	2.685	3.594
N	28	28	28	28	28
RECORD YEAR	1956	1956	1956	1956	1952
RECORD MAXIMUM	4.880	7.330	7.330	7.330	23.720
NORMALIZED MAX	2.190	2.577	2.434	2.262	2.263
CALC. COEF. VAR	.478	.563	.546	.543	.435
REGION. COEF. VAR	.494	.515	.526	.528	.416
USED COEF. VAR	.494	.515	.526	.528	.416
MEAN/A	.2002	.2511	.2644	.2784	1.0000
RP10/A	.3327	.4239	.4513	.4721	1.9578
RP25/A	.4066	.5262	.5587	.5811	1.8593
RP50/A	.4598	.6009	.6367	.6597	2.0753
RP100/A	.5116	.6740	.7127	.7361	2.2840
RP1000/A	.6762	.9099	.9562	.9792	2.9442
RP10000/A	.8342	1.1389	1.1913	1.2123	3.5729
PMP/A	1.6833	2.1906	2.3594	2.4657	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U05 3452 0	STATION NAME GLENDORA WEST 85	ELEV 822	SEC	TWP	RNG LOT	8WM	LATITUDE 34.140	LONGITUDE 117.649	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.49	4.43	4.97	5.29	5.61	5.90	6.31	6.72	7.44	8.12	9.52	12.62	20.46
5	5.26	6.83	7.71	8.19	8.62	9.08	9.71	10.27	11.32	12.26	14.11	18.91	28.88
10	6.43	8.47	9.54	10.08	10.56	11.16	11.94	12.60	13.82	14.93	17.01	22.95	34.21
20	7.51	10.02	11.27	11.86	12.36	13.12	14.02	14.78	16.15	17.40	19.67	26.71	39.11
25	7.85	10.51	11.81	12.41	12.92	13.73	14.67	15.46	16.87	18.17	20.50	27.88	40.62
40	8.55	11.52	12.94	13.55	13.99	14.99	16.02	16.86	17.22	18.54	22.20	29.45	43.74
50	8.91	12.00	13.46	14.07	14.45	15.52	16.55	17.35	17.60	19.07	22.98	31.41	45.10
100	9.06	13.46	15.07	15.72	16.24	17.37	18.50	19.52	21.16	22.73	25.37	34.82	49.57
200	10.66	14.90	16.65	17.31	17.84	19.12	20.44	21.47	23.21	24.92	27.69	38.14	53.83
1000	13.06	18.17	20.22	20.91	21.41	23.08	24.66	25.89	27.83	29.83	32.88	45.60	63.35
10000	16.11	22.75	25.19	25.89	26.34	28.56	30.51	32.00	34.18	36.59	39.97	55.87	76.38
PMP	32.51	43.75	49.87	52.65	55.05	58.00	61.96	64.85	71.21	78.02	84.94	115.77	156.99
MEAN	3.865	5.014	5.591	5.903	6.192	6.568	7.029	7.471	8.190	8.928	10.340	13.840	21.960
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.226	1.548	1.157	1.078	.900	.804	.777	.743	.634	1.226	1.030	1.457	1.211
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.961	6.145	4.397	4.028	3.494	3.265	3.200	3.130	2.860	5.694	4.397	6.044	5.355
RECORD YEAR	1891	1934	1934	1934	1934	1934	1969	1969	1884	1884	1884	1884	1884
RECORD MAXIMUM	8.200	14.800	15.540	16.240	16.240	16.240	17.500	17.88	18.780	20.660	20.410	43.940	60.620
NORMALIZED MAX	2.250	3.780	3.388	3.357	3.176	2.949	3.013	2.971	2.689	4.252	3.498	4.195	4.079
CALC. COEF. VAR	.498	.519	.525	.522	.511	.499	.494	.485	.481	.520	.499	.522	.432
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1760	.2263	.2546	.2688	.2820	.2991	.3201	.3402	.3729	.4066	.4709	.6302	1.0000
RP10/A	.2926	.3855	.4346	.4590	.4808	.5084	.5437	.5737	.6295	.6797	.7744	1.0452	1.5576
RP25/A	.3575	.4785	.5380	.5651	.5883	.6251	.6683	.7038	.7623	.8273	.9435	1.2695	1.8498
RP50/A	.4044	.5465	.6130	.6415	.6653	.7092	.7581	.7977	.8675	.9331	1.0466	1.4301	2.0575
RP100/A	.4499	.6130	.6862	.7158	.7397	.7908	.8453	.8888	.9635	1.0353	1.1554	1.5856	2.2574
RP1000/A	.5947	.8274	.9207	.9521	.9751	1.0509	1.1231	1.1789	1.2671	1.3585	1.4971	2.0764	2.8849
RP10000/A	.7336	1.0350	1.1471	1.1769	1.1992	1.3003	1.3895	1.4572	1.5562	1.6663	1.8204	2.5441	3.4781
PMP/A	1.4804	1.9921	2.2710	2.3976	2.5066	2.8411	2.8217	2.9536	3.2428	3.4619	3.8681	5.2720	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB U05 4017 0	STATION NAME MOEGEE	ELEV 2650	SEC 33	TWP 12N	RNG LOT 11W	8WM 5	LATITUDE 34.209	LONGITUDE 118.034	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.51	8.05	9.25	10.12	10.57	10.91	11.98	12.21	13.47	14.42	16.74	21.56	34.50
5	9.82	12.42	14.35	15.64	16.25	16.64	17.80	18.65	20.51	21.76	24.79	32.30	48.49
10	11.98	15.38	17.75	19.26	19.90	20.45	21.88	22.87	25.05	26.49	29.89	39.21	57.67
20	14.01	18.21	20.97	22.66	23.30	24.03	25.71	26.82	29.26	30.88	34.57	45.64	65.93
25	14.65	19.10	21.98	23.71	24.35	25.15	26.90	28.06	30.94	32.25	36.02	47.63	68.49
40	15.95	20.94	24.07	25.90	26.87	27.45	29.37	30.60	31.20	32.91	39.00	48.61	73.74
50	16.56	21.81	25.04	26.92	27.54	28.53	30.52	31.80	34.52	36.37	40.39	53.66	76.18
100	18.43	24.46	28.03	30.04	30.62	31.62	34.03	35.43	38.34	40.35	44.59	59.48	83.58
200	20.25	27.08	30.97	33.09	33.62	35.03	37.46	38.98	42.00	44.23	48.66	65.18	92.76
1000	24.36	33.02	37.61	39.96	40.36	42.28	45.21	46.99	50.42	52.95	57.77	77.91	106.81
PMP	60.64	79.50	92.77	106.12	103.75	106.26	113.59	117.71	129.02	134.93	149.27	197.80	268.06
MEAN	7.210	9.112	10.401	11.281	11.670	12.034	12.886	13.561	14.839	15.846	18.170	23.646	37.025
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.593	2.685	1.926	1.597	1.501	1.437	1.273	1.400	1.227	1.054	.847	1.218	0.670
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	6.924	13.894	8.030	5.860	5.385	5.264	4.571	5.180	4.463	3.695	3.130	4.637	2.658
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	20.579	36.340	36.940	37.340	37.520	38.200	38.800	42.350	42.950	42.950	43.380	67.210	76.620
NORMALIZED MAX	3.265	4.445	3.730	3.336	3.351	3.362	3.203	3.425	3.169	2.985	2.599	3.420	2.447
CALC. COEF. VAR	.568	.671	.666	.672	.661	.647	.628	.620	.598	.573	.534	.399	.437
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1947	.2461	.2809	.3047	.3152	.3250	.3480	.3663	.4008	.4280	.4908	.6387	1.0000
RP10/A	.3177	.4155	.4795	.5203	.5375	.5524	.5911	.6176	.6765	.7155	.8072	1.0591	1.5576
RP25/A	.3956	.5158	.5936	.6405	.6577	.6792	.7266	.7577	.8255	.8769	.9729	1.2864	1.8498
RP50/A	.4474	.5890	.6764	.7272	.7438	.7706	.8242	.8588	.9222	.9822	1.1090	1.4492	2.0575
RP100/A	.4977	.6607	.7572	.8113	.8270	.8594	.9191	.9569	1.0354	1.0898	1.2042	1.6068	2.2574
RP1000/A	.6579	.8919	1.1559	1.2753	1.3001	1.4119	1.5211	1.5992	1.7617	1.8301	2.0604	2.8869	4.0000
RP10000/A	.8116	1.1104	1.2657	1.3863	1.4046	1.4130	1.5108	1.5668	1.6724	1.7582	1.9869	2.7811	3.4781
PMP/A	1.6377	2.1473	2.5057	2.7178	2.8022	2.8699	3.0679	3.2711	3.4848	3.6444	4.0316	5.3424	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
U05 4659 II	LA HABRA	315					33.933	117.944	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.75	3.29	3.54	3.66	13.77					
5	4.15	5.07	5.49	5.66	19.50					
10	5.06	6.27	6.80	6.97	23.19					
20	5.92	7.43	8.03	8.20	26.61					
25	6.19	7.79	8.42	8.58	27.67					
40	6.74	8.54	9.22	9.37	28.20					
50	7.00	8.80	9.50	9.74	30.89					
100	7.78	9.98	10.74	10.87	34.00					
200	8.55	11.04	11.86	11.97	37.02					
1000	10.29	13.47	14.40	14.46	43.82					
10000	12.69	16.86	17.95	17.90	53.18					
PMP	25.61	32.43	35.53	36.41	107.76					
MEAN	3.045	3.717	3.983	4.082	14.884					
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.000					
CALCULATED SKEW	1.367	1.196	1.081	1.017						
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100					
SKEW USED	1.200	1.400	1.300	1.200	1.100					
KURTOSIS	5.425	4.597	3.378	2.892	3.626					
N	41	41	41	41	43					
RECORD YEAR	1934	1956	1956	1956	1941					
RECORD MAXIMUM	8.680	8.000	8.000	8.000	33.520					
NORMALIZED MAX	2.725	2.584	2.364	2.293	2.795					
CALC. COEF. VAR	.501	.517	.501	.493	.448					
REGON. COEF. VAR	.494	.515	.528	.528	.416					
USED COEF. VAR	.494	.515	.528	.528	.416					
MEAN/A	.2046	.2497	.2876	.2743	1.0000					
RP10/A	.3400	.4216	.4568	.4681	1.5978					
RP25/A	.4155	.5233	.5654	.5766	1.8593					
RP50/A	.4700	.5976	.6443	.6546	2.0753					
RP100/A	.5229	.6704	.7212	.7303	2.2840					
RP1000/A	.6912	.9049	.9677	.9715	2.9442					
RP10000/A	.8526	1.1327	1.2057	1.2029	3.5729					
PMP/A	1.7205	2.1786	2.3868	2.4465	7.2400					

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
U05 5082 5	LONO BEACH 224	180					33.768	116.161	70

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.18	2.54	2.73	2.91	3.05	3.22	3.47	3.68	4.22	4.52	5.35	7.08	11.12
5	3.29	3.91	4.24	4.50	4.69	4.96	5.33	5.63	6.43	6.82	7.93	10.61	15.70
10	4.01	4.85	5.25	5.54	5.74	6.10	6.55	6.90	7.85	8.30	9.58	12.88	18.59
20	4.69	5.74	6.20	6.52	6.72	7.16	7.70	8.10	9.17	9.68	11.06	14.99	21.26
25	4.90	6.02	6.49	6.82	7.03	7.49	8.05	8.47	9.58	10.10	11.52	15.64	22.08
40	5.34	6.60	7.11	7.45	7.67	8.18	8.79	9.24	9.78	10.31	12.48	15.96	23.77
50	5.54	6.87	7.40	7.74	7.95	8.50	9.14	9.60	10.82	11.39	12.92	17.62	24.56
100	6.16	7.71	8.28	8.64	8.83	9.48	10.19	10.70	12.02	12.64	14.26	19.54	26.95
200	6.77	8.53	9.15	9.51	9.70	10.44	11.22	11.77	13.19	13.86	15.56	21.40	29.26
1000	8.15	10.40	11.11	11.49	11.64	12.60	13.54	14.19	15.81	16.59	18.48	25.59	34.44
10000	10.05	13.02	13.85	14.23	14.32	15.59	16.75	17.54	19.42	20.35	22.48	31.35	41.52
PMP	20.29	25.05	27.41	28.94	29.93	31.86	34.01	35.54	40.48	42.27	47.74	64.97	86.42
MEAN	2.412	2.873	3.073	3.244	3.367	3.586	3.856	4.094	4.653	4.964	5.812	7.766	11.937
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.063	.761	.775	.601	.633	.366	.642	.711	.778	.606	.679	.591	.759
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.400	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.897	2.997	3.083	2.798	3.008	2.607	3.360	3.524	3.489	3.162	3.655	3.165	3.995
N	80	80	80	80	80	80	80	80	80	80	80	80	80
RECORD YEAR	1956	1956	1956	1936	1969	1969	1969	1937	1969	1969	1916	1969	1941
RECORD MAXIMUM	5.500	6.190	6.710	6.710	7.290	7.290	8.930	9.260	10.720	10.880	13.700	15.960	27.760
NORMALIZED MAX	2.544	2.458	2.556	2.435	2.714	2.515	3.091	2.936	2.982	2.756	3.216	2.636	3.332
CALC. COEF. VAR	.503	.470	.463	.439	.449	.411	.425	.425	.437	.432	.422	.400	.398
REGON. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2021	.2405	.2575	.2718	.2821	.3004	.3232	.3430	.3898	.4159	.4669	.6506	1.0000
RP10/A	.3359	.4061	.4395	.4641	.4818	.5106	.5489	.5784	.6579	.6953	.8068	1.0790	1.5576
RP25/A	.4105	.5040	.5440	.5713	.5886	.6278	.6747	.7076	.8028	.8463	.9653	1.3105	1.8498
RP50/A	.4642	.5759	.6199	.6466	.6699	.7122	.7654	.8042	.9066	.9545	1.0822	1.4763	2.0575
RP100/A	.5165	.6457	.6939	.7236	.7401	.7943	.8535	.8860	1.0070	1.0590	1.1947	1.6366	2.2574
RP1000/A	.6827	.8716	.9311	.9626	.9755	1.0554	1.1339	1.1805	1.3243	1.3697	1.5400	2.1436	2.8849
RP10000/A	.8422	1.0910	1.1600	1.1918	1.1989	1.3059	1.4029	1.4690	1.6285	1.7046	1.8819	2.6264	3.4781
PMP/A	1.9994	2.6984	2.8985	2.8420	2.9077	3.2626	3.8488	4.2977	5.3891	5.8414	6.9998	9.4424	12.4400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 5085 0	STATION NAME LONG BEACH	ELEV 36	SEC 36	TWP 36	RNO LOT 36	8MM 36	LATITUDE 33.817	LONGITUDE 118.150	COUNTY CODE 76				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.20	2.69	3.03	3.21	3.34	3.47	3.77	4.09	4.62	4.94	5.89	7.75	11.84
5	3.31	4.14	4.70	4.96	5.13	5.33	5.81	6.24	7.03	7.46	8.72	11.61	16.71
10	4.04	5.13	5.81	6.11	6.29	6.56	7.14	7.66	8.58	9.08	10.51	14.10	19.79
20	4.73	6.07	6.86	7.19	7.36	7.71	8.38	8.98	10.43	10.58	12.16	16.41	23.61
25	4.94	6.37	7.19	7.52	7.69	8.06	8.77	9.39	10.47	11.05	12.67	17.12	23.51
40	5.38	6.98	7.88	8.22	7.86	8.40	9.58	10.25	10.69	11.28	13.72	17.47	25.31
50	5.59	7.27	8.20	8.54	8.70	9.15	9.95	10.65	11.83	12.46	14.21	19.29	26.15
100	6.22	8.16	9.18	9.53	9.67	10.20	11.10	11.68	13.14	13.83	15.69	21.38	28.69
200	6.83	9.03	10.14	10.49	10.62	11.23	12.22	13.05	14.41	15.16	17.12	23.42	31.15
1000	8.22	11.01	12.51	12.67	12.75	13.56	14.74	15.74	17.28	18.14	20.33	28.01	36.66
10000	10.14	13.78	15.34	15.69	15.68	16.77	18.24	19.45	21.22	22.26	24.71	34.31	44.20
PMP	20.46	26.50	30.37	31.91	32.77	34.07	37.04	39.41	44.21	46.24	52.52	71.11	92.00
MEAN	2.433	3.038	3.404	3.578	3.687	3.858	4.202	4.541	5.085	5.430	6.393	8.501	12.707
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.781	.643	.476	.452	.449	.383	.547	.890	.920	1.027	.898	.762	.971
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.395	3.001	2.573	2.486	2.550	2.299	2.704	4.201	4.080	4.796	4.043	3.758	4.347
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1956	1956	1956	1956	1938	1938	1937	1937	1937	1937	1937	1937	1941
RECORD MAXIMUM	4.680	4.600	7.230	7.230	7.380	7.380	8.779	11.730	13.290	14.650	15.890	20.160	29.110
NORMALIZED MAX	2.070	2.373	2.187	1.999	1.987	1.861	2.196	3.049	2.995	3.202	2.962	2.797	2.757
CALC. COEF. VAR	.446	.494	.514	.511	.504	.498	.495	.519	.539	.530	.502	.490	.468
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1914	.2390	.2679	.2816	.2901	.3036	.3307	.3573	.4062	.4273	.5031	.6690	1.0000
RP10/A	.3182	.4036	.4573	.4808	.4907	.5161	.5516	.6026	.6754	.7144	.8274	1.1091	1.5577
RP25/A	.3886	.5010	.5661	.5919	.6053	.6345	.6790	.7324	.8242	.8696	.9773	1.3474	1.8498
RP50/A	.4398	.5721	.6451	.6720	.6845	.7199	.7801	.8379	.9308	.9687	1.1182	1.5179	2.0575
RP100/A	.4893	.6418	.7221	.7498	.7611	.8028	.8732	.9336	1.0338	1.0882	1.2345	1.6828	2.2574
RP1000/A	.6468	.8663	.9689	.9973	1.0033	1.0668	1.1601	1.2383	1.3575	1.4278	1.5956	2.2040	2.8849
RP10000/A	.7978	1.0643	1.2072	1.2348	1.2339	1.3200	1.4335	1.5306	1.6858	1.7515	1.9445	2.7094	3.4781
PMP/A	1.6099	2.0856	2.3898	2.5115	2.5791	2.6812	2.9147	3.1017	3.4794	3.6368	4.1327	5.5958	7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 5111 4		STATION NAME LOS ANGELES OUCOMMUN	ELEV 716	SEC 270	TWP 13W	RNO LOT 015 N	8MM 5	LATITUDE 34.053	LONGITUDE 118.237	COUNTY CODE 70			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.55	3.04	3.44	3.72	3.91	4.13	4.47	4.80	5.41	5.80	6.79	9.01	14.12
5	3.84	4.69	5.33	5.75	6.01	6.36	6.88	7.34	8.23	8.75	10.05	13.51	19.93
10	4.68	5.81	6.60	7.08	7.35	7.82	8.45	9.00	10.05	10.65	12.12	16.40	23.60
20	5.48	6.87	7.79	8.33	8.61	9.18	9.93	10.55	11.74	12.41	14.03	19.08	26.99
25	5.72	7.21	8.17	8.71	9.00	9.61	10.39	11.04	12.27	12.96	14.61	19.92	28.03
40	6.24	7.90	8.94	9.52	9.20	10.49	11.34	12.04	12.52	13.23	15.02	20.32	30.18
50	6.47	8.23	9.31	9.89	10.18	10.90	11.79	12.51	13.05	14.02	16.38	22.44	31.18
100	7.20	9.23	10.42	11.04	11.32	12.16	13.15	13.94	15.39	16.22	18.69	24.87	34.21
200	7.91	10.22	11.51	12.16	12.43	13.39	14.47	15.33	16.88	17.78	19.74	27.24	37.15
1000	9.52	12.46	13.98	14.68	14.92	16.16	17.46	18.49	20.23	21.29	23.44	32.57	43.72
10000	11.75	15.60	17.42	18.18	18.35	19.99	21.61	22.85	24.85	26.11	28.45	39.91	52.71
PMP	23.70	30.00	34.48	36.98	38.36	40.60	43.88	46.31	51.78	54.24	60.55	82.71	109.72
MEAN	2.818	3.439	3.866	4.145	4.316	4.598	4.978	5.335	5.956	6.370	7.371	9.887	15.155
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.507	1.241	1.100	1.053	.920	.845	.766	.681	.681	.617	.746	1.115	1.005
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.861	4.945	4.110	3.994	3.951	3.398	3.305	3.871	3.592	3.267	3.121	4.650	4.377
N	101	101	101	101	101	101	101	101	101	101	101	101	101
RECORD YEAR	1956	1956	1975	1875	1938	1969	1969	1875	1969	1875	1969	1880	1884
RECORD MAXIMUM	7.430	8.770	9.770	10.010	11.060	11.190	13.210	14.800	15.080	15.110	16.510	27.220	38.180
NORMALIZED MAX	3.217	3.142	2.992	3.094	3.045	2.815	3.244	3.519	3.014	2.744	2.554	3.547	3.484
CALC. COEF. VAR	.509	.487	.517	.520	.513	.509	.510	.504	.508	.500	.485	.494	.436
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1860	.2269	.2551	.2735	.2848	.3034	.3285	.3520	.3938	.4203	.4864	.6524	1.0000
RP10/A	.3091	.3831	.4354	.4671	.4856	.5158	.5578	.5937	.6633	.7027	.8000	1.0820	1.5576
RP25/A	.3777	.4756	.5370	.5750	.5942	.6341	.6857	.7283	.8074	.8554	.9643	1.3142	1.8498
RP50/A	.4272	.5431	.6142	.6522	.6639	.7194	.7779	.8256	.9141	.9647	1.0811	1.4141	1.9575
RP100/A	.4683	.6092	.6875	.7284	.7471	.8022	.8674	.9197	1.0153	1.0704	1.1935	1.6412	2.2575
RP1000/A	.6223	.8223	.9225	.9689	.9848	1.0661	1.1524	1.2199	1.3352	1.4046	1.5465	2.1495	2.8849
RP10000/A	.7750	1.0294	1.1493	1.1997	1.2112	1.3191	1.4258	1.5079	1.6399	1.7228	1.8800	2.6336	3.4781
PMP/A	1.5639	1.9799	2.2752	2.4397	2.5316	2.6793	2.8954	3.0558	3.4170	3.5793	3.9957	5.4575	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 19 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 5114 0	STATION NAME LOS ANGELES WB		ELEV 105	SEC 06	TWP 035	RNG 14W	LOT B	BWM 5	LATITUDE 33.942	LONGITUDE 118.387	COUNTY CODE 70		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.46	2.92	3.35	3.98	3.72	3.02	4.15	4.46	5.08	5.46	6.46	9.41	13.34
5	3.70	4.51	5.19	5.50	5.71	5.88	6.38	6.82	7.74	8.24	9.57	12.60	18.83
10	4.52	5.58	6.43	6.78	7.00	7.23	7.84	8.36	9.44	10.03	11.93	15.30	22.31
20	5.29	6.61	7.59	7.97	8.19	8.50	9.21	9.81	11.03	11.70	13.34	17.81	25.50
25	5.53	6.93	7.95	8.34	8.56	8.89	9.64	10.26	11.53	12.21	13.90	18.58	26.49
40	6.02	7.60	8.71	9.11	9.34	9.74	10.51	11.19	12.47	13.17	15.05	19.97	28.52
50	6.25	7.91	9.06	9.47	9.68	10.09	10.93	11.63	13.02	13.77	15.58	20.94	29.46
100	6.95	8.88	10.15	10.57	10.76	11.25	12.19	12.96	14.46	15.28	17.20	23.21	32.33
7200	7.64	9.83	11.21	11.63	11.82	12.39	13.42	14.26	15.75	16.78	19.25	25.42	35.10
10000	7.19	11.98	13.61	14.05	14.16	14.95	16.20	17.19	19.01	20.05	22.29	30.40	41.31
10000	11.34	15.00	16.96	17.40	17.45	18.50	20.04	21.25	23.35	24.60	27.10	37.25	49.61
PMP	22.88	28.85	33.58	35.39	36.47	37.59	40.70	43.06	48.65	51.10	57.59	77.18	103.68

MEAN	2.720	3.307	3.764	3.967	4.103	4.257	4.617	4.980	5.596	6.002	7.011	9.227	14.320
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	0.324	0.953	0.850	0.976	0.907	0.887	0.868	0.857	0.825	0.806	0.895	0.999	1.000
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.384	3.654	3.102	3.643	3.453	3.152	2.477	2.114	2.267	2.671	3.103	3.060	3.886
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1938	1956	1938	1938	1938	1938	1938	1938	1938	1941	1938	1941	1941
RECORD MAXIMUM	7.444	9.287	10.483	11.572	11.057	11.076	11.515	12.289	14.223	16.170	21.320	32.794	47.99
NORMALIZED MAX	2.008	2.358	2.403	2.732	2.759	2.846	2.367	2.173	2.045	2.330	2.312	2.398	2.673
CALC. COEF. VAR	.578	.530	.602	.619	.615	.604	.591	.572	.582	.588	.565	.547	.682
REG. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.900	2.309	2.629	2.771	2.855	2.972	3.224	3.464	3.907	4.191	4.896	6.443	1.0000
RP10/A	3.158	3.899	4.471	4.886	5.052	5.247	5.841	6.357	7.006	8.052	1.065	1.557	1.557
RP25/A	3.859	4.840	5.555	5.824	5.978	6.211	6.731	7.106	8.048	8.528	9.706	1.2978	1.6498
RP50/A	4.364	5.527	6.330	6.612	6.760	7.047	7.635	8.122	9.089	9.618	1.0882	1.4620	2.0575
RP100/A	4.855	6.200	7.088	7.378	7.517	7.859	8.514	9.049	1.0095	1.0872	1.2013	1.6207	2.2574
RP1000/A	6.618	8.859	9.907	9.814	9.908	1.0443	1.1312	1.2276	1.4004	1.5565	2.1227	2.8849	4.0000
RP10000/A	7.717	10.476	11.845	12.251	12.106	12.922	13.995	14.830	16.035	17.177	1.8923	2.6009	3.4781
PMP/A	1.5976	2.0149	2.3449	2.4713	2.5470	2.6246	2.8420	3.0066	3.3975	3.5866	4.0217	5.3896	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 6006 0	STATION NAME MT WILSON		ELEV 9709	SEC 30	TWP 02N	RNG 11W	LOT J 5	LATITUDE 34.227	LONGITUDE 118.066	COUNTY CODE 70			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.18	6.73	7.69	8.27	8.86	9.28	9.86	10.51	11.75	12.64	14.56	18.84	30.13
5	7.81	10.37	11.93	12.79	13.63	14.28	15.17	16.06	17.89	19.08	21.57	28.23	42.53
10	9.54	12.85	14.77	15.74	16.69	17.56	19.64	19.70	21.84	23.22	26.00	34.27	50.37
20	11.15	15.21	17.44	18.52	19.64	20.63	21.96	23.13	25.51	27.07	30.08	39.88	57.99
25	11.66	15.95	18.28	19.38	20.43	21.50	22.91	24.16	26.65	28.27	31.34	41.63	59.82
40	12.70	17.49	20.02	21.17	22.06	23.57	25.01	26.36	27.21	28.85	33.93	42.48	64.41
50	13.18	18.21	20.63	22.00	23.10	24.49	25.99	27.38	30.10	31.88	35.13	46.89	66.54
100	14.67	20.43	23.32	24.55	25.68	27.31	28.99	30.51	33.43	35.37	38.79	51.90	73.00
200	16.11	22.61	25.75	27.04	28.20	30.07	31.91	33.57	36.67	38.77	42.33	56.95	79.28
1000	19.39	27.58	31.28	32.68	33.85	36.28	38.51	40.47	43.96	46.41	50.26	68.09	93.30
10000	23.91	34.52	38.97	40.43	41.63	44.91	47.65	50.03	54.00	56.93	61.09	83.42	112.48
PMP	48.26	66.39	77.16	82.24	87.02	91.21	98.75	101.30	112.52	118.28	129.48	172.47	234.14

MEAN	5.738	7.869	8.650	9.219	9.789	10.330	10.976	11.679	12.940	13.891	15.888	20.666	32.340
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.647	1.362	1.098	.974	1.003	1.051	1.229	1.307	1.182	1.129	1.052	1.311	1.419
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	6.914	5.613	4.206	3.475	3.622	4.209	5.048	4.990	4.443	4.288	4.029	5.429	6.556
N	67	67	67	67	67	67	67	67	67	67	67	67	67
RECORD YEAR	1943	1943	1943	1943	1949	1949	1949	1949	1949	1949	1949	1949	1941
RECORD MAXIMUM	16.100	22.180	23.980	23.980	25.700	29.730	34.870	35.310	37.640	39.320	41.690	59.660	91.790
NORMALIZED MAX	3.426	3.489	3.150	2.847	2.842	3.309	3.747	3.483	3.350	3.287	3.155	3.445	4.239
CALC. COEF. VAR	.527	.549	.559	.552	.552	.568	.580	.580	.570	.565	.551	.546	.546
REG. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.174	2.253	2.675	2.651	3.027	3.194	3.394	3.611	4.001	4.295	4.887	6.390	1.0000
RP10/A	2.949	3.973	4.566	4.860	5.162	5.429	5.764	6.090	6.754	7.181	8.039	1.0598	1.5576
RP25/A	3.604	4.931	5.562	5.993	6.316	6.675	7.085	7.471	8.242	8.740	9.640	1.2872	1.8498
RP50/A	4.057	5.563	6.440	6.887	7.152	7.570	8.030	8.488	9.307	9.787	1.0869	1.4546	2.0375
RP100/A	4.835	6.317	7.209	7.661	7.941	8.445	8.903	9.435	1.0337	1.0937	1.1993	1.6075	2.2416
RP1000/A	5.904	8.527	9.673	1.0098	1.0468	1.1222	1.1908	1.2515	1.3594	1.4352	1.5540	2.1054	2.8849
RP10000/A	7.795	1.0674	1.2052	1.2503	1.2874	1.3886	1.4733	1.5469	1.6697	1.7604	1.8891	2.5796	3.4781
PMP/A	1.4921	2.0530	2.3958	2.5429	2.6909	2.8204	2.9917	3.1347	3.397	3.5573	4.0151	5.3455	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 6465 0	STATION NAME OPIDS CAMP FCST	ELEV 4250	SEC 14	TWP 02N	RNG LOT 12W	BWM 5	LATITUDE 34.255	LONGITUDE 118.095	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	6.72	8.63	9.72	10.40	11.08	11.46	12.41	13.36	14.44	14.88	17.81	23.19	35.83
5	10.13	13.31	15.08	16.07	17.04	17.65	19.09	20.41	21.99	22.46	26.38	34.74	50.58
10	12.36	16.49	18.66	19.80	20.87	21.70	23.47	25.03	26.85	27.34	31.80	42.18	59.30
20	14.46	19.52	22.04	23.26	24.43	25.49	27.57	29.36	31.36	31.87	36.78	49.09	68.48
25	15.11	20.47	23.10	24.37	25.54	26.67	28.85	30.71	32.76	33.28	38.33	51.23	71.14
40	16.46	22.45	25.30	26.62	28.08	29.12	31.49	33.50	35.45	33.97	41.50	52.28	78.59
50	17.09	23.38	26.32	27.64	29.08	30.12	32.72	34.86	37.00	37.53	42.97	57.72	84.13
100	19.01	26.22	29.47	30.87	32.11	33.75	36.49	38.78	41.09	41.65	47.44	63.98	86.81
200	20.89	29.02	32.55	34.00	35.25	37.16	40.17	42.66	45.08	45.65	51.77	70.09	94.27
1000	25.13	35.40	39.53	41.06	42.32	44.85	48.48	51.43	54.04	54.65	61.47	83.80	110.95
10000	31.00	44.31	49.26	50.84	52.05	55.47	59.98	63.57	66.37	67.03	74.73	102.68	133.76
PMP	62.56	85.22	97.51	103.39	108.80	112.71	121.80	128.83	138.31	139.26	158.82	212.77	274.43
MEAN	7.439	9.767	10.932	11.591	12.238	12.764	13.817	14.842	15.906	16.355	19.332	25.435	38.457
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.219	1.743	1.393	1.276	1.196	1.200	1.496	1.842	1.724	1.757	1.356	1.735	1.149
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.100	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.100	1.100	1.000

KURTO5IS	4.031	7.490	5.076	4.555	4.209	4.363	5.696	6.236	6.637	7.031	5.223	6.345	3.918
N	97	57	57	57	67	57	57	56	57	56	57	57	57
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	16.610	32.400	33.160	33.660	33.660	36.790	44.970	49.010	54.860	56.640	57.420	70.650	89.330
NORMALIZED MAX	2.216	3.762	3.262	3.071	2.803	2.893	3.408	3.486	3.699	3.840	3.366	3.445	2.820
CALC. COEF. VAR	.556	.616	.623	.620	.629	.629	.662	.662	.662	.662	.615	.619	.469
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USEO COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1934	.2540	.2843	.3014	.3182	.3319	.3593	.3859	.4136	.4253	.5027	.6614	1.0000
RP10/A	.3215	.4288	.4652	.5147	.5427	.5642	.6102	.6508	.6981	.7110	.8268	1.0969	1.6576
RP25/A	.3929	.5323	.6007	.6336	.6640	.6936	.7501	.7986	.8519	.8654	.9921	1.3322	1.8498
RP50/A	.4444	.6078	.6845	.7194	.7509	.7809	.8505	.9049	.9621	.9750	1.1174	1.5008	2.0575
RP100/A	.4944	.6819	.7662	.8026	.8349	.8776	.9488	1.0083	1.0685	1.0829	1.2336	1.6638	2.2574
RP1000/A	.6535	.9204	1.0280	1.0677	1.1005	1.1661	1.2606	1.3374	1.4052	1.4210	1.5963	2.1791	2.8849
RP10000/A	.8062	1.1521	1.2608	1.3219	1.3535	1.4429	1.5596	1.6531	1.7259	1.7431	1.9421	2.6699	3.4781
PMP/A	1.6267	2.2159	2.5356	2.6886	2.8291	2.9308	3.1671	3.3500	3.5963	3.6213	4.1297	5.5326	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 6602 0		STATION NAME PACQUINA DAM FC 33		ELEV 1500	SEC 24	TWP 03N	RNG LOT 15W	BWM 5	LATITUDE 34.330	LONGITUDE 118.391	COUNTY CODE 70		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.01	3.96	4.47	4.77	5.08	5.18	5.55	5.97	6.65	7.21	8.39	10.94	18.08
5	4.53	6.11	6.94	7.37	7.69	7.98	8.54	9.12	10.12	10.89	12.43	16.39	25.52
10	5.53	7.57	8.59	9.08	9.43	9.81	10.49	11.18	12.36	13.25	14.98	19.89	30.23
20	6.47	8.96	10.15	10.68	11.03	11.52	12.33	13.12	14.44	15.45	17.33	23.15	34.56
25	6.76	9.40	10.63	11.18	11.53	12.06	12.90	13.72	15.08	16.13	18.04	24.16	35.89
40	7.36	10.30	11.65	12.21	11.78	13.17	14.08	14.97	16.40	16.46	19.55	24.66	38.65
50	7.64	10.73	12.12	12.69	13.04	13.68	14.63	15.55	17.03	18.19	20.24	27.22	39.93
100	8.50	12.04	13.56	14.16	14.50	15.26	16.32	17.32	18.92	20.18	22.35	30.18	43.80
200	9.34	13.32	14.98	15.59	15.92	16.80	17.96	19.00	20.75	22.12	24.39	33.06	47.57
1000	11.24	16.25	18.20	18.63	19.11	20.26	21.68	22.98	24.88	26.49	29.66	39.52	55.98
10000	13.87	20.34	22.68	23.32	24.51	25.09	26.82	28.40	30.56	32.49	35.20	48.43	67.49
PMP	27.98	39.12	44.89	47.42	49.13	50.96	54.46	57.56	63.67	67.49	74.82	100.35	140.49
MEAN	3.327	4.483	5.033	5.316	5.527	5.771	6.178	6.631	7.323	7.926	9.108	11.996	19.405
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.301	1.558	1.301	1.176	1.10	1.044	1.556	1.743	1.831	1.877	1.542	1.747	1.737
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.100	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.100	1.100	1.000

KURTO5IS	5.925	7.629	3.976	3.185	3.019	2.950	2.674	3.360	3.160	2.594	2.207	2.764	3.255
N	58	58	58	58	58	58	58	58	58	58	58	58	58
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	8.850	12.640	12.950	13.090	13.180	13.640	15.750	16.080	16.360	16.850	25.460	40.410	73.07
NORMALIZED MAX	3.159	3.867	3.164	2.921	2.775	2.775	2.602	2.809	2.407	2.234	1.858	2.121	2.891
CALC. COEF. VAR	.450	.470	.497	.501	.498	.491	.483	.491	.497	.476	.457	.465	.374
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USEO COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1715	.2310	.2593	.2740	.2848	.2974	.3184	.3417	.3774	.4085	.4694	.6182	1.0000
RP10/A	.2951	.3901	.4427	.4679	.4857	.5055	.5407	.5743	.6369	.6829	.7720	1.0252	1.5576
RP25/A	.3483	.4642	.5480	.5760	.5943	.6215	.6647	.7070	.7772	.8312	.9305	1.2452	1.8498
RP50/A	.3939	.5529	.6245	.6539	.6721	.6951	.7540	.8012	.8777	.9374	1.0433	1.4028	2.0579
RP100/A	.4433	.6203	.6990	.7296	.7472	.7683	.8408	.8928	.9749	1.0301	1.1517	1.5551	2.2574
RP1000/A	.4973	.7372	.8179	.8575	.8850	.9049	1.1170	1.1842	1.2821	1.3649	1.4923	2.1368	2.8849
RP10000/A	.7147	1.0480	1.1685	1.2016	1.2114	1.2929	1.3820	1.4637	1.5746	1.6742	1.8142	2.4955	3.4781
PMP/A	1.4421	2.0157	2.3133	2.4439	2.5321	2.6260	2.8085	2.9662	3.2611	3.4781	3.8558	5.1713	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 6719 0	STATION NAME PASADENA 6108	ELEV 864	SEC 28	TWP 01N	RNG LOT 12W C 5	8MM 5	LATITUDE 34.148	LONGITUDE 118.123	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.37	4.25	4.87	5.18	5.47	5.77	6.10	6.50	7.17	7.73	9.09	11.85	18.65
5	5.08	6.56	7.55	8.00	8.41	8.87	9.39	9.93	10.92	11.66	13.47	17.75	26.32
10	6.20	8.12	9.35	9.86	10.30	10.91	11.54	12.18	13.33	14.19	16.24	21.55	31.18
20	7.25	9.61	11.04	11.59	12.05	12.82	13.56	14.28	15.58	16.55	18.78	25.00	35.04
25	7.58	10.08	11.57	12.13	12.60	13.42	14.18	14.94	16.27	17.20	19.57	26.18	37.02
40	8.26	11.05	12.67	13.25	13.87	14.65	15.48	16.29	16.61	17.63	21.19	29.71	39.86
50	8.58	11.51	13.18	13.78	14.25	15.22	16.09	16.93	18.38	19.48	21.94	29.49	41.18
100	9.54	12.91	14.76	15.37	15.84	16.97	17.94	18.86	20.41	21.62	24.22	32.69	45.18
200	10.48	14.29	16.30	16.93	17.39	18.69	19.75	20.75	22.39	23.70	26.44	35.81	49.06
1000	12.61	17.43	19.80	20.44	20.88	22.55	23.84	25.02	26.84	28.37	31.39	42.61	57.74
10000	15.56	21.62	24.67	25.31	25.68	27.91	29.50	30.93	32.96	34.80	38.16	52.46	69.61
PMP	31.39	41.97	48.03	51.48	53.68	56.69	59.90	62.67	68.69	72.29	81.10	108.71	144.91
MEAN	3.733	4.610	5.475	5.772	6.038	6.420	6.795	7.220	7.900	8.490	9.872	12.995	20.615
CLOCK HR. COR.	1.140	1.070	1.090	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.290	1.697	1.243	1.078	.884	.856	.705	.741	.677	.679	.734	1.040	1.041
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.871	8.289	4.615	3.915	3.365	3.291	2.935	2.982	2.643	2.500	2.820	3.645	4.319
RECORD YEAR	67	67	67	67	67	66	66	67	67	67	67	67	67
RECORD MAXIMUM	8.350	14.690	14.860	14.930	15.070	15.660	15.830	17.660	17.830	18.610	22.260	30.580	46.100
NORMALIZED MAX	2.639	3.846	3.185	2.950	2.809	2.721	2.546	2.833	2.466	2.308	2.537	2.698	3.406
CALC. COEF. VAR	.469	.534	.538	.538	.533	.529	.522	.510	.510	.516	.495	.502	.382
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1865	.2403	.2735	.2884	.3017	.3207	.3395	.3607	.3947	.4242	.4932	.6493	1.0000
RP10/A	.3100	.4057	.4869	.4925	.5145	.5452	.5766	.6083	.6662	.7091	.8112	1.0767	1.5576
RP25/A	.5088	.5780	.6586	.6802	.7005	.7463	.7807	.8130	.8632	.9176	1.0767	1.3078	1.8496
RP50/A	.4284	.5752	.6586	.6882	.7119	.7605	.8040	.8458	.9181	.9735	1.0963	1.4733	2.0575
RP100/A	.4766	.6452	.7373	.7679	.7915	.8480	.8965	.9424	1.0197	1.0801	1.2103	1.6333	2.2874
RP1000/A	.6301	.8709	.9892	1.0215	1.0433	1.1269	1.1911	1.2500	1.3410	1.4173	1.5882	2.1391	2.8849
RP10000/A	.7772	1.0901	1.2325	1.2647	1.2832	1.3944	1.4736	1.5451	1.6470	1.7385	1.9665	2.6209	3.4781
PMP/A	1.5684	2.0967	2.4399	2.5722	2.6821	2.8321	2.9925	3.1312	3.4319	3.6116	4.0519	5.4312	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 7161 3			STATION NAME PUENTE HILLS-WEISEL		ELEV 725	SEC 28	TWP 01N	RNG LOT 12W C 5	8MM 5	LATITUDE 33.954	LONGITUDE 117.923	COUNTY CODE 30	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS			10	20	30	40	50	60	80	100	150	200	300
2			2.71	3.37	3.71	3.87	4.06	4.26	4.51	4.76	5.11	5.36	6.01
5			4.08	5.19	5.76	5.98	6.27	6.56	6.91	7.26	7.91	8.46	9.81
10			4.98	6.43	7.13	7.37	7.67	8.02	8.46	8.90	9.81	10.51	12.11
20			5.83	7.62	8.42	8.67	9.02	9.46	9.90	10.34	11.41	12.11	13.81
25			6.09	7.99	8.82	9.07	9.42	9.86	10.30	10.74	11.81	12.51	14.21
40			6.84	8.76	9.58	9.83	10.18	10.62	11.06	11.50	12.51	13.21	14.91
50			6.89	9.12	10.05	10.30	10.74	11.18	11.62	12.06	13.07	13.77	15.47
100			7.66	10.23	11.25	11.49	11.93	12.37	12.81	13.25	14.26	14.96	16.66
200			8.42	11.32	12.43	12.66	13.10	13.54	13.98	14.42	15.43	16.13	17.83
1000			10.13	13.81	15.19	15.42	15.86	16.30	16.74	17.18	18.19	18.89	20.59
10000			12.50	17.29	18.81	19.03	19.47	19.91	20.35	20.79	21.80	22.50	24.20
PMP			25.22	33.25	37.24	38.49	40.97	43.45	45.93	48.41	53.42	55.90	60.91
MEAN			2.999	3.811	4.174	4.315	4.587	4.859	5.121	5.383	5.904	6.166	6.917
CLOCK HR. COR.			1.140	1.070	1.040	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW			.976	.928	.781	.713	.684	.655	.626	.597	.548	.519	.470
REGIONAL SKEW			1.200	1.400	1.300	1.200	1.200	1.200	1.200	1.200	1.100	1.100	1.000
SKEW USED			1.200	1.400	1.300	1.200	1.200	1.200	1.200	1.200	1.100	1.100	1.000
KURTOSIS			3.540	3.711	3.086	2.632	3.140	3.140	3.140	3.140	3.140	3.140	3.140
RECORD YEAR			44	44	44	44	44	44	44	44	44	44	44
RECORD MAXIMUM			1956	1943	1943	1943	1941	1941	1941	1941	1941	1941	1941
NORMALIZED MAX			6.330	8.920	9.140	9.160	9.180	9.200	9.220	9.240	9.260	9.280	9.300
CALC. COEF. VAR			2.241	2.563	2.320	2.115	2.046	1.977	1.908	1.839	1.770	1.701	1.632
REGION. COEF. VAR			.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481
USED COEF. VAR			.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481
MEAN/A			.1891	.2403	.2633	.2721	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
RP10/A			.3143	.4054	.4444	.4647	1.7053	1.7053	1.7053	1.7053	1.7053	1.7053	1.7053
RP25/A			.3841	.5037	.5563	.5721	2.0866	2.0866	2.0866	2.0866	2.0866	2.0866	2.0866
RP50/A			.4345	.5752	.6339	.6495	2.3596	2.3596	2.3596	2.3596	2.3596	2.3596	2.3596
RP100/A			.4833	.6452	.7096	.7247	2.6236	2.6236	2.6236	2.6236	2.6236	2.6236	2.6236
RP1000/A			.6369	.8709	.9521	.9640	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582
RP10000/A			.7862	1.0902	1.1662	1.1862	4.2532	4.2532	4.2532	4.2532	4.2532	4.2532	4.2532
PMP/A			1.5964	2.0969	2.3482	2.4275	8.0900	8.0900	8.0900	8.0900	8.0900	8.0900	8.0900

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB		STATION NAME		ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE		
U05	7748 1	SAN DIMAS OAM		1350	24	01N 09W	5	34.153	117.771	70			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.18	5.18	5.59	5.96	6.23	6.38	6.65	7.05	7.70	8.35	9.48	12.63	20.36
5	6.10	7.85	8.59	9.18	9.61	9.85	10.31	10.92	11.63	12.68	14.35	18.86	28.56
10	7.43	9.70	10.67	11.40	11.93	12.24	12.85	13.59	14.49	15.67	17.72	23.17	33.75
20	8.71	11.47	12.67	13.54	14.17	14.54	15.28	16.15	17.43	18.54	20.95	27.31	38.53
25	9.11	12.03	13.30	14.21	14.88	15.27	16.05	16.96	18.30	19.45	21.97	28.62	40.00
40	9.96	13.20	14.61	15.62	16.35	16.78	17.65	18.65	20.10	21.34	24.10	31.34	43.04
50	10.35	13.75	15.23	16.28	17.04	17.49	18.40	19.45	20.95	22.23	25.10	32.63	44.45
100	11.57	15.44	17.13	18.31	19.17	19.68	20.72	21.88	23.56	24.97	28.19	36.56	48.73
200	12.77	17.10	19.00	20.32	21.27	21.83	23.00	24.25	26.13	27.68	31.21	40.45	52.88
1000	15.51	20.91	23.28	24.90	26.05	26.76	28.22	29.79	32.01	33.83	38.14	49.32	62.16
10000	19.35	26.25	29.29	31.33	32.80	33.69	35.55	37.51	40.28	42.48	47.88	61.79	74.85
PMP	35.72	48.97	54.85	58.70	61.45	63.14	66.71	70.36	75.41	79.29	89.30	114.80	155.35
MEAN	4.673	5.865	6.363	6.786	7.104	7.274	7.593	8.050	8.763	9.462	10.733	14.234	21.819
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.491	1.394	1.151	1.290	1.251	1.235	1.108	1.003	0.800	0.675	0.551	0.401	0.276
REGIONAL SKEW	2.502	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
SKEW USED	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
KURTOSIS	4.588	4.379	3.763	3.974	4.011	3.912	3.728	3.788	3.469	2.873	2.493	3.338	2.688
N	23	23	23	23	23	23	23	23	23	23	23	23	48
RECORD YEAR	1934	1943	1943	1966	1966	1966	1966	1943	1938	1943	1938	1943	1958
RECORD MAXIMUM	11.280	13.930	14.410	15.980	16.740	16.740	16.740	16.820	16.950	17.840	18.490	20.810	39.570
NORMALIZED MAX	2.152	2.255	2.273	2.333	2.406	2.441	2.339	2.217	2.007	1.885	1.694	2.431	2.115
CALC. COEF. VAR	.657	.601	.556	.580	.564	.556	.515	.468	.407	.362	.279	.471	.385
RECN. COEF. VAR	.443	.490	.508	.510	.510	.512	.519	.516	.507	.492	.488	.471	.408
USED COEF. VAR	.443	.490	.508	.510	.510	.512	.519	.516	.507	.492	.488	.471	.408
MEAN/A	.2141	.2688	.2916	.3110	.3256	.3334	.3480	.3690	.4016	.4337	.4919	.6524	1.0000
RP10/A	.3406	.4444	.4891	.5225	.5470	.5609	.5888	.6298	.6731	.7181	.8552	1.0929	1.5469
RP25/A	.4117	.5514	.6014	.6491	.6811	.6978	.7384	.7884	.8415	.8915	1.0070	1.3111	1.8334
RP50/A	.4744	.6301	.6980	.7461	.7811	.8016	.8435	.8912	.9402	1.0100	1.1504	1.4953	2.0372
RP100/A	.5301	.7074	.7850	.8393	.8786	.9018	.9496	1.0030	1.0788	1.1442	1.2914	1.6756	2.2332
RP1000/A	.7106	.9581	1.0869	1.1411	1.1846	1.2266	1.2933	1.3653	1.4673	1.5503	1.7482	2.2404	2.9487
RP10000/A	.8870	1.2030	1.3424	1.4361	1.5033	1.5440	1.6291	1.7193	1.8459	1.9470	2.1945	2.8317	3.5404
PMP/A	1.6372	2.2445	2.5138	2.6993	2.8162	2.8938	3.0573	3.2247	3.4560	3.6341	4.0927	5.2613	7.1200

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
U05 7759 0	SAN FERNANDO	965	09	02N 15W	5	34.273	118.464	70					
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.66	3.37	3.76	3.97	4.08	4.26	4.60	4.92	5.41	5.79	6.63	8.82	15.11
5	3.88	5.11	5.78	6.11	6.29	6.58	7.12	7.61	8.31	8.79	10.04	13.18	21.20
10	4.73	6.31	7.17	7.60	7.81	8.17	8.88	9.48	10.32	10.87	12.34	16.20	25.05
20	5.54	7.47	8.52	9.02	9.28	9.71	10.56	11.26	12.24	12.68	14.65	19.09	28.39
25	5.80	7.83	8.94	9.47	9.74	10.20	11.09	11.83	12.85	13.49	15.37	20.00	29.69
40	6.34	8.59	9.82	10.41	10.71	11.21	12.20	13.01	14.12	14.80	16.86	21.91	31.94
50	6.59	8.95	10.24	10.85	11.16	11.68	12.72	13.56	14.72	15.42	17.56	22.80	32.99
100	7.36	10.03	11.51	12.20	12.55	13.14	14.32	15.26	16.55	17.32	19.71	25.35	36.18
200	8.12	11.13	12.77	13.54	13.93	14.58	15.90	16.94	18.36	19.19	21.83	28.27	39.24
1000	9.87	13.61	15.65	16.59	17.07	17.88	19.51	20.77	22.49	23.46	26.68	34.47	46.13
10000	12.32	17.09	19.69	20.88	21.48	22.55	24.37	26.16	28.29	29.46	33.49	43.18	55.55
PMP	22.73	31.89	36.87	39.12	40.24	42.10	46.11	49.06	52.98	55.00	62.46	80.23	115.30
MEAN	2.974	3.819	4.277	4.522	4.652	4.858	5.249	5.614	6.155	6.563	7.507	9.948	16.194
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.632	1.098	.831	.650	.638	.690	.587	.623	.674	.633	.781	.814	1.184
REGIONAL SKEW	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
SKEW USED	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
KURTOSIS	6.882	5.306	3.497	2.736	2.590	2.659	2.461	2.599	2.652	2.514	3.058	3.150	5.366
N	49	49	49	49	49	49	49	49	49	49	49	49	49
RECORD YEAR	1934	1943	1943	1944	1944	1943	1943	1946	1944	1944	1941	1941	1941
RECORD MAXIMUM	7.550	9.430	9.800	10.110	10.210	10.540	10.910	11.970	13.300	14.060	17.220	22.720	40.570
NORMALIZED MAX	3.080	3.094	2.484	2.308	2.218	2.157	2.010	2.180	2.256	2.269	2.680	2.708	3.565
CALC. COEF. VAR	.500	.475	.520	.535	.539	.542	.535	.518	.515	.499	.483	.474	.422
RECN. COEF. VAR	.443	.490	.508	.510	.510	.512	.519	.516	.507	.492	.488	.471	.408
USED COEF. VAR	.443	.490	.508	.510	.510	.512	.519	.516	.507	.492	.488	.471	.408
MEAN/A	.1836	.2358	.2641	.2793	.2873	.3000	.3241	.3467	.3801	.4053	.4636	.6143	1.0000
RP10/A	.2921	.3899	.4430	.4692	.4826	.5048	.5484	.5852	.6370	.6711	.7652	1.0001	1.5469
RP25/A	.3582	.4838	.5520	.5849	.6016	.6296	.6851	.7305	.7936	.8332	.9491	1.2353	1.8334
RP50/A	.4068	.5526	.6322	.6700	.6891	.7214	.7856	.8374	.9087	.9523	1.0842	1.474	2.0372
RP100/A	.4204	.5805	.6636	.7109	.7536	.7752	.8116	.8844	.9424	1.0218	1.0693	1.2170	1.5780
RP1000/A	.6094	.8405	.9322	1.0247	1.0540	1.1039	1.2045	1.2826	1.3888	1.4488	1.6476	2.1287	2.9487
RP10000/A	.7606	1.0553	1.2157	1.2895	1.3264	1.3895	1.5173	1.6154	1.7469	1.8195	2.0882	2.6666	3.4304
PMP/A	1.4039	1.9690	2.2766	2.4157	2.4848	2.6041	2.8474	3.0298	3.2708	3.3962	3.8570	4.9348	7.1200

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STATION DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 005 7762 0	STATION NAME SAN FERNANDO P H 3	ELEV 1248	SEC	TWP	RNG	LOT	8MM	LATITUDE 34.314	LONGITUDE 116.492	COUNTY CODE 76			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.62	3.41	3.76	4.03	4.29	4.52	4.90	5.38	6.03	6.48	7.70	9.95	15.94
5	3.94	5.25	5.84	6.24	6.80	6.95	7.53	8.22	9.18	9.78	11.40	14.91	22.49
10	4.81	6.51	7.22	7.68	8.09	8.55	9.26	10.08	11.21	11.90	13.75	18.10	28.64
20	5.62	7.70	8.53	9.03	9.47	10.04	10.87	11.83	13.09	13.87	15.90	21.08	34.46
25	5.88	8.08	8.94	9.45	9.90	10.51	11.36	12.37	13.68	14.48	16.57	21.90	31.64
40	6.40	8.86	9.79	10.32	10.11	11.47	12.42	13.50	14.96	14.78	17.94	22.43	34.08
50	6.65	9.22	10.19	10.73	11.19	11.92	12.91	14.02	15.44	16.34	18.58	24.77	35.19
100	7.40	10.35	11.41	11.97	12.44	13.19	14.39	15.62	17.15	18.12	20.51	27.45	38.61
200	8.13	11.45	12.60	13.19	13.66	14.63	15.84	17.17	18.82	19.87	22.38	30.07	41.93
1000	9.78	13.97	15.30	15.93	16.40	17.66	19.12	20.72	22.56	23.70	26.38	35.96	49.34
PHMP	12.08	17.48	19.07	19.72	20.17	21.86	23.61	25.61	27.71	29.17	32.31	44.08	59.49
PMP	24.34	33.82	37.74	40.10	42.16	44.39	48.04	51.90	57.73	60.61	68.87	91.29	123.63
MEAN	2.894	3.854	4.231	4.496	4.743	5.028	5.450	5.980	6.640	7.118	8.359	10.914	17.104
CLOCK HR. COR.	1.140	1.070	1.049	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.762	.926	.886	.726	.811	.884	1.170	1.252	1.339	1.197	1.039	1.204	1.168
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.049	3.166	2.359	2.196	2.485	2.675	3.668	3.925	4.191	3.602	3.039	3.764	3.459
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1958	1956	1969	1962	1962	1962	1969	1969	1969	1969	1969	1969	1958
RECORD MAXIMUM	5.010	7.800	6.326	8.880	10.420	11.170	14.520	15.500	16.930	17.310	18.740	25.890	35.060
NORMALIZED MAX	1.610	1.994	1.760	1.710	2.008	1.998	2.329	2.504	2.524	2.404	2.250	2.553	2.185
CALC. COEF. VAR	.454	.513	.549	.570	.596	.611	.658	.638	.614	.596	.552	.538	.480
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1692	.2253	.2474	.2629	.2773	.2939	.3186	.3496	.3882	.4162	.4887	.6381	1.0000
RP10/A	.2813	.3804	.4223	.4489	.4729	.4996	.5411	.5895	.6552	.6957	.8038	1.0582	1.5576
RP25/A	.3437	.4722	.5228	.5526	.5786	.6143	.6652	.7233	.7996	.8468	.9889	1.2653	1.8498
RP50/A	.3937	.5393	.5957	.6274	.6543	.6869	.7546	.8197	.9029	.9551	1.0883	1.4479	2.0576
RP100/A	.4325	.6049	.6668	.7000	.7275	.7772	.8414	.9133	1.0029	1.0597	1.1992	1.6051	2.2574
RP1000/A	.5717	.8166	.8947	.9311	.9589	1.0327	1.1179	1.2115	1.3189	1.3953	1.5538	2.1023	2.8849
RP10000/A	.7052	1.0221	1.1147	1.1529	1.1793	1.2779	1.3831	1.4974	1.6198	1.7056	1.8890	2.5758	3.4781
PMP/A	1.4230	1.9659	2.2008	2.3447	2.4690	2.5955	2.8086	3.0345	3.3753	3.5435	4.0147	5.3377	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 005 7776 0	STATION NAME SAN GABRIEL CANTON P H	ELEV 744	SEC 22	TWP 01N	RNG 10W	LOT S	LATITUDE 34.156	LONGITUDE 117.908	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.66	4.42	4.93	5.38	5.58	5.86	6.26	6.65	7.55	8.09	9.57	12.72	20.49
5	5.51	6.62	7.05	8.19	8.57	9.01	9.63	10.16	11.49	12.22	14.17	19.06	28.92
10	6.73	8.43	9.47	10.50	10.50	11.08	11.83	12.44	14.03	14.87	17.09	23.14	34.29
20	7.67	10.00	11.18	11.86	12.30	13.02	13.90	14.62	16.39	17.33	19.77	26.92	39.16
25	8.22	10.49	11.72	12.41	12.85	13.63	14.54	15.29	17.12	18.10	20.59	28.10	40.67
40	8.96	11.50	12.83	13.56	13.12	14.08	15.08	16.08	17.48	18.47	22.30	28.68	43.79
50	9.30	11.98	13.36	14.09	14.53	15.46	16.50	17.33	19.33	20.41	23.93	31.66	45.24
100	10.35	13.44	14.95	15.72	16.18	17.24	18.40	19.31	21.47	22.65	25.49	35.09	49.64
200	11.37	14.87	16.51	17.32	17.74	18.98	20.26	21.24	23.56	24.83	27.62	38.44	53.90
1000	13.68	18.14	20.06	20.91	21.30	22.91	24.44	25.61	28.24	29.72	33.03	45.98	63.44
10000	16.87	22.71	24.99	25.90	26.20	28.35	30.24	31.95	34.68	36.45	40.15	56.32	78.78
PMP	34.05	43.67	49.40	52.87	54.76	57.58	61.42	64.15	72.27	75.73	85.34	116.70	159.20
MEAN	4.049	5.005	5.347	5.904	6.199	6.520	6.967	7.390	8.312	8.894	10.388	13.951	21.989
CLOCK HR. COR.	1.140	1.070	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.615	1.775	1.431	1.216	1.162	1.219	1.164	1.127	1.200	1.164	.996	1.298	.797
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	5.891	7.012	5.094	4.154	3.931	4.491	4.911	4.822	5.070	4.888	4.061	5.322	3.360
N	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD YEAR	1916	1934	1934	1934	1934	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	10.320	14.450	15.630	15.050	15.050	18.160	20.620	21.240	23.310	24.780	26.610	39.020	45.460
NORMALIZED MAX	3.037	3.593	3.149	2.593	2.645	3.327	3.767	3.332	3.766	3.821	3.319	3.102	2.607
CALC. COEF. VAR	.510	.525	.543	.544	.546	.536	.528	.502	.491	.487	.471	.481	.370
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1841	.2276	.2522	.2685	.2801	.2965	.3168	.3361	.3780	.4045	.4724	.6345	1.0000
RP10/A	.3060	.3843	.4306	.4588	.4777	.5040	.5381	.5667	.6380	.6762	.7770	1.0522	1.5576
RP25/A	.3740	.4771	.5320	.5643	.5857	.6137	.6513	.6853	.7766	.8221	.9367	1.2780	1.8498
RP50/A	.4230	.5448	.6074	.6409	.6609	.6930	.7504	.7880	.8793	.9283	1.0500	1.4397	2.0575
RP100/A	.4766	.6111	.6799	.7150	.7349	.7840	.8367	.8780	.9766	1.0300	1.1992	1.5960	2.2574
RP1000/A	.6221	.8249	.9122	.9511	.9687	1.0418	1.1117	1.1646	1.2843	1.3515	1.5020	2.0903	2.8449
RP10000/A	.7674	1.0328	1.1366	1.1778	1.1913	1.2891	1.3754	1.4395	1.5774	1.6378	1.8260	2.5811	3.4781
PMP/A	1.5484	1.9681	2.2500	2.3951	2.4901	2.6183	2.7930	2.9172	3.2668	3.4441	3.8609	5.3072	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 7928 0	STATION NAME SANTA FE DAM	ELEV 427	SEC 06	TWP 015	RNG LOT 10W	BWM S	LATITUDE 34.118	LONGITUDE 117.973	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.50	3.03	3.49	3.68	3.97	4.26	4.61	5.03	5.53	6.04	7.14	9.20	14.50
5	3.76	4.68	5.41	5.70	6.10	6.56	7.09	7.69	8.41	9.12	10.57	13.79	20.47
10	4.59	5.79	6.70	7.01	7.47	8.07	8.71	9.43	10.27	11.10	12.74	16.74	24.24
20	5.37	6.86	7.91	8.25	8.74	9.48	10.23	11.06	12.00	12.94	14.74	19.48	27.71
25	5.61	7.19	8.29	8.63	9.14	9.92	10.71	11.57	12.54	13.51	15.36	20.33	28.78
40	6.11	7.88	9.08	9.44	10.03	10.83	11.68	12.62	13.68	14.76	16.73	22.03	30.99
50	6.34	8.24	9.44	9.80	10.33	11.15	12.01	13.11	14.16	15.24	17.22	22.91	32.02
100	7.06	9.21	10.57	10.94	11.49	12.55	13.54	14.61	15.73	16.90	19.01	25.39	35.13
200	7.76	10.19	11.68	12.04	12.61	13.81	14.91	16.07	17.25	18.53	20.75	27.82	38.15
1000	9.33	12.43	14.16	14.55	15.14	16.67	17.99	19.37	20.68	22.18	24.63	33.26	44.89
10000	11.51	15.51	17.67	18.01	18.63	20.63	22.26	23.95	25.46	27.21	29.95	40.75	54.12
PMP	23.22	29.93	34.99	36.63	38.93	41.90	45.20	48.53	52.93	56.53	63.65	84.45	112.66
MEAN	2.762	3.431	3.922	4.107	4.379	4.746	5.128	5.591	6.087	6.639	7.748	10.095	15.561
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.759	1.565	1.395	1.263	1.142	1.003	1.003	1.004	1.132	1.143	1.028	1.450	1.000
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	7.682	6.544	5.564	2.878	2.385	3.284	3.677	3.767	4.125	3.940	3.182	5.780	3.069
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1956	1956	1956	1956	1956	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.670	6.350	6.750	6.750	8.760	11.020	12.690	13.310	14.860	15.470	17.020	27.140	30.340
NORMALIZED MAX	2.624	2.733	2.298	2.184	1.827	2.298	2.540	2.556	2.502	2.317	2.975	2.056	
CALC. COEF. VAR	.494	.525	.528	.528	.528	.528	.528	.528	.528	.528	.528	.528	.528
REGION. COEF. VAR	.494	.515	.528	.528	.528	.528	.528	.528	.528	.528	.528	.528	.528
USED COEF. VAR	.494	.515	.528	.528	.528	.528	.528	.528	.528	.528	.528	.528	.528
MEAN/A	.1775	.2205	.2521	.2639	.2814	.3050	.3295	.3593	.3912	.4266	.4979	.6487	1.0000
RP10/A	.2950	.3722	.4303	.4507	.4799	.5183	.5597	.6059	.6603	.7132	.8189	1.0759	1.5576
RP25/A	.3605	.4620	.5326	.5548	.5872	.6316	.6806	.7433	.8057	.8681	.9871	1.3067	1.8408
RP50/A	.4077	.5276	.6089	.6299	.6640	.7230	.7804	.8424	.9099	.9791	1.1066	1.4721	2.0575
RP100/A	.4536	.5919	.6794	.7027	.7383	.8063	.8703	.9386	1.0106	1.0863	1.2217	1.6319	2.2574
RP1000/A	.5996	.7989	.9115	.9348	.9732	1.0714	1.1562	1.2450	1.3290	1.4255	1.5930	2.1374	2.8849
RP10000/A	.7396	1.0051	1.1357	1.1574	1.1969	1.3257	1.4305	1.5389	1.6323	1.7405	1.9244	2.6188	3.4781
PMP/A	1.4924	1.9235	2.2483	2.3540	2.5017	2.6928	2.9049	3.1186	3.4012	3.6325	4.0900	5.4267	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB U05 7950 0	STATION NAME SANTA MONICA 634		ELEV 64	SEC 07	TWP 025	RNG LOT 15W F	BWM S	LATITUDE 34.012	LONGITUDE 118.441	COUNTY CODE 70			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650	
2	2.68	3.63	3.25	3.52	3.78	3.92	4.16	4.53	5.16	5.60	6.62	8.47	13.02
5	4.05	4.67	5.05	5.45	5.82	6.04	6.39	6.92	7.86	8.46	9.81	12.69	18.37
10	4.94	5.78	6.24	6.71	7.13	7.42	7.86	8.48	9.60	10.30	11.82	15.41	21.76
20	5.77	6.85	7.38	7.89	8.34	8.72	9.23	9.95	11.22	12.00	13.68	17.93	24.87
25	6.03	7.18	7.73	8.26	8.72	9.12	9.66	10.41	11.72	12.53	14.25	18.72	25.84
40	6.57	7.87	8.46	9.02	9.49	9.96	10.55	11.35	11.96	12.79	15.43	19.10	27.82
50	6.82	8.20	8.81	9.38	9.86	10.35	10.96	11.79	13.23	14.13	15.98	21.09	26.74
100	7.59	9.20	9.86	10.46	10.96	11.54	12.22	13.14	14.70	15.68	17.84	23.38	31.53
200	8.34	10.18	10.89	11.52	12.04	12.71	13.46	14.46	16.12	17.19	19.25	25.61	34.24
1000	10.04	12.41	13.23	13.92	14.45	15.34	16.24	17.43	19.33	20.58	22.86	30.62	40.30
10000	12.38	15.54	16.48	17.23	17.77	18.98	20.09	21.55	23.74	25.24	27.79	37.51	48.58
PMP	24.48	29.89	32.63	35.05	37.15	38.55	40.89	43.66	49.46	52.44	59.06	77.13	101.13
MEAN	2.971	3.426	3.658	3.929	4.178	4.366	4.628	5.030	5.689	6.159	7.189	9.293	13.968
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.926	.845	.854	.817	.756	.915	1.210	.985	1.095	1.118	1.004	.812	.800
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	3.141	3.244	3.352	3.773	3.581	4.187	5.309	4.449	4.511	4.331	3.648	3.127	3.840
N	71	71	71	70	71	71	71	71	71	71	70	76	76
RECORD YEAR	1916	1956	1962	1962	1962	1962	1962	1962	1962	1962	1918	1969	1969
RECORD MAXIMUM	5.926	7.470	8.100	10.110	10.680	11.052	12.710	13.160	15.080	15.080	16.004	20.320	32.470
NORMALIZED MAX	2.057	2.531	2.545	3.283	3.292	3.323	3.323	3.395	3.072	2.613	2.693	3.402	3.941
CALC. COEF. VAR	.466	.467	.477	.479	.483	.474	.496	.485	.482	.472	.472	.441	.383
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.471	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.471	.416
MEAN/A	.2127	.2452	.2619	.2813	.2991	.3126	.3313	.3601	.4073	.4449	.5147	.6653	1.0000
RP10/A	.3535	.4411	.4840	.5101	.5311	.5511	.5771	.6271	.6874	.7371	.8465	1.1033	1.5576
RP25/A	.4320	.5140	.5534	.5913	.6242	.6532	.6917	.7451	.8089	.8712	1.0204	1.3401	1.8498
RP50/A	.4886	.5870	.6306	.6713	.7059	.7411	.7847	.8444	.9473	1.0119	1.1440	1.5096	2.0575
RP100/A	.5436	.6584	.7059	.7490	.7848	.8264	.8750	.9408	1.0522	1.1222	1.2630	1.7326	2.2574
RP1000/A	.7186	.8687	.9472	.9984	1.0345	1.0861	1.1425	1.2479	1.3699	1.4733	1.6384	2.1919	2.8849
RP10000/A	.8864	1.1125	1.1801	1.2336	1.2723	1.3580	1.4303	1.5425	1.6995	1.8072	1.9894	2.6856	3.4781
PMP/A	1.7887	2.1397	2.3361	2.5090	2.6594	2.7959	2.9208	3.1259	3.5412	3.7544	4.2282	5.5662	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE
005 8023 3	SAWTELLE	345	28	015	15W	0	S	34.056	118.456	70

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.53	3.03	3.34	3.57	3.76	3.95	4.20	4.61	5.18	5.56	6.46
5	3.69	4.59	5.15	5.51	5.79	6.10	6.52	7.13	7.96	8.44	9.78
10	4.49	5.67	6.39	6.84	7.26	7.59	8.13	8.88	9.88	10.44	12.07
20	5.27	6.71	7.58	8.13	8.59	9.01	9.68	10.55	11.73	12.35	14.28
25	5.51	7.03	7.96	8.53	8.97	9.46	10.15	11.08	12.31	12.96	14.97
40	6.02	7.72	8.75	9.37	9.86	10.40	11.16	12.10	13.52	14.22	16.43
50	6.24	8.04	9.12	9.77	10.28	10.84	11.64	12.61	14.14	14.87	17.21
100	6.99	9.02	10.25	10.99	11.56	12.20	13.10	14.30	15.65	16.63	19.20
200	7.72	10.00	11.37	12.19	12.83	13.53	14.55	15.87	17.58	18.43	21.27
1000	9.38	12.22	13.94	14.94	15.72	16.59	17.65	19.46	21.54	22.53	26.00
10000	11.70	15.35	17.53	18.81	19.79	20.88	22.48	24.51	27.10	28.30	32.83
PMP	21.40	28.63	32.83	35.23	37.07	39.13	42.19	45.97	50.73	52.81	60.88

MEAN	2.826	3.429	3.809	4.073	4.285	4.508	4.802	5.260	5.896	6.302	7.315
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.328	1.536	1.221	1.324	1.149	1.072	1.105	1.040	1.165	1.094	1.008
REGIONAL SKEW	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
SKEW USED	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500

KURTOSIS	10.420	5.570	4.281	4.985	4.415	3.971	4.439	4.383	3.966	3.949	3.575
RECORD YEAR	1934	1934	1938	1962	1962	1962	1969	1969	1962	1962	1969
RECORD MAXIMUM	9.400	9.400	9.430	11.500	11.510	13.230	13.96	16.030	16.000	18.720	23.110
NORMALIZED MAX	4.137	3.277	2.789	3.353	3.174	2.929	3.341	3.250	3.376	3.125	2.903
CALC. COEF. VAR	.562	.430	.523	.544	.539	.539	.509	.496	.496	.496	.408
REGN. COEF. VAR	.443	.490	.508	.510	.510	.512	.519	.516	.507	.492	.488
USED COEF. VAR	.443	.490	.508	.510	.510	.512	.519	.516	.507	.492	.488

MEAN/A	.1904	.2310	.2567	.2745	.2887	.3038	.3236	.3544	.3973	.4247	.4929
RP10/A	.3029	.3820	.4305	.4611	.4851	.5112	.5475	.5983	.6688	.7033	.8136
RP25/A	.3714	.4740	.5305	.5748	.6048	.6376	.6840	.7469	.8295	.8731	1.0091
RP50/A	.4218	.5410	.6144	.6584	.6927	.7305	.7843	.8581	.9498	.9979	1.1527
RP100/A	.4713	.6081	.6909	.7408	.7792	.8218	.8829	.9635	1.0681	1.1205	1.2940
RP1000/A	.6319	.8235	.9391	1.0070	1.0594	1.1176	1.2026	1.3116	1.4514	1.5182	1.7517
RP10000/A	.7887	1.0340	1.1815	1.2673	1.3332	1.4070	1.5149	1.6516	1.8259	1.9067	2.1891
PMP/A	1.4557	1.9292	2.2125	2.3741	2.4977	2.6370	2.8429	3.0577	3.4186	3.5588	4.1009

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TMP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE
005 8210 1	SIERRA MADRE DAM	1160						34.176	118.042	70

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	3.75	4.95	5.49	5.86	6.29	6.42	6.86	7.60	8.32	8.73	10.12
5	5.05	7.03	8.53	9.07	9.48	9.60	10.55	11.61	12.67	13.17	14.99
10	6.90	9.45	10.55	11.16	11.84	12.15	12.97	14.24	15.47	16.03	18.08
20	8.07	11.19	12.46	13.13	13.88	14.27	15.24	16.70	18.07	18.69	20.91
25	8.43	11.74	13.06	13.74	14.48	14.93	15.95	17.47	18.87	19.51	21.74
40	9.19	12.87	14.30	15.01	14.79	16.30	17.41	19.06	19.27	19.92	23.59
50	9.54	13.40	14.88	15.00	16.38	16.94	18.09	19.80	21.31	22.01	24.43
100	10.61	15.03	16.86	17.41	18.21	18.69	20.21	22.06	23.67	24.42	26.97
200	11.66	16.64	18.40	19.17	20.00	20.60	22.21	24.27	25.97	26.77	29.43
1000	14.03	20.29	22.35	23.16	24.01	25.11	28.00	29.24	31.13	32.04	34.94
10000	17.31	25.40	27.85	28.67	29.52	31.07	33.16	36.18	38.23	39.30	42.46
PMP	34.92	48.86	55.13	58.31	61.71	63.10	67.34	73.29	79.67	81.66	90.29

MEAN	4.152	5.600	6.181	6.537	6.942	7.146	7.639	8.443	9.163	9.590	10.990
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.922	2.104	1.775	1.733	1.391	1.420	1.371	1.710	1.679	1.540	1.416
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.000	1.000

KURTOSIS	7.746	8.979	7.059	5.621	5.069	5.267	5.313	6.743	6.507	6.639	5.557
RECORD YEAR	1934	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969
RECORD MAXIMUM	11.190	18.320	19.530	19.730	19.730	20.160	21.490	26.757	26.670	29.090	32.280
NORMALIZED MAX	3.083	3.783	3.595	3.435	3.117	3.156	3.126	3.405	3.303	3.469	3.565
CALC. COEF. VAR	.549	.600	.601	.579	.591	.591	.580	.601	.586	.586	.543
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481

MEAN/A	.1772	.2390	.2638	.2790	.2963	.3050	.3260	.3603	.3910	.4093	.4690
RP10/A	.2916	.4638	.5503	.6043	.6552	.6816	.7353	.8077	.8800	.9114	1.0574
RP25/A	.3600	.5008	.5774	.6365	.6882	.7137	.7686	.8455	.9328	.9699	1.1240
RP50/A	.4071	.5720	.6352	.6659	.6990	.7231	.7849	.8649	.9593	1.0426	1.2050
RP100/A	.4529	.6429	.7110	.7429	.7772	.8063	.8669	.9414	1.0102	1.0481	1.2304
RP1000/A	.5937	.8661	.9512	.9922	1.0248	1.0518	1.1286	1.2281	1.2818	1.3413	1.5867
RP10000/A	.7366	1.0841	1.1885	1.2236	1.2600	1.2958	1.4151	1.5434	1.6317	1.6774	1.8130
PMP/A	1.4903	2.0651	2.3529	2.4668	2.6337	2.6928	2.8737	3.1278	3.4001	3.4849	3.8532

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 005 8783 51	STATION NAME TANBARK FLATS	ELEV 2750	SEC 06	TWP 01N	RNG LOT 08W C	8WM S	LATITUDE 34.206	LONGITUDE 117.761	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.54	5.82	6.47	6.98	7.34	7.72	8.17	8.69	9.51	10.23	12.10	15.54	24.85
5	6.84	8.97	10.04	10.79	11.28	11.68	12.57	13.28	14.47	15.48	17.93	23.28	35.07
10	8.35	11.11	12.43	13.29	13.82	14.41	15.46	16.29	17.67	18.80	21.61	28.26	41.54
20	9.77	13.15	14.68	15.63	16.17	17.16	18.16	19.11	20.64	21.92	25.00	32.89	47.49
25	10.21	13.79	15.38	16.36	16.91	17.96	19.00	19.98	21.57	22.06	26.05	34.32	49.33
40	11.12	15.13	16.84	17.87	17.26	19.61	20.74	21.80	22.02	23.36	28.20	35.03	53.11
50	12.44	16.75	17.53	18.77	19.12	20.55	21.55	22.55	25.81	25.81	29.21	38.67	54.87
100	12.84	17.67	19.62	20.72	21.26	22.72	24.03	25.24	27.05	28.64	32.24	42.87	60.20
200	14.11	19.55	21.67	22.83	23.34	25.02	26.46	27.76	29.67	31.39	35.19	46.95	65.37
1000	16.98	23.85	26.33	27.57	28.02	30.20	31.93	33.47	35.57	37.58	41.78	56.16	76.93
10000	20.94	29.85	32.90	34.13	34.48	37.37	39.50	41.37	43.58	46.09	50.79	68.78	92.75
PMP	42.26	57.42	64.94	69.42	72.03	75.89	80.22	83.84	91.04	95.76	107.94	142.54	193.07
MEAN	5.024	6.581	7.280	7.783	8.102	8.594	9.100	9.659	10.471	11.246	13.140	17.044	26.627
CLOCK MR. COR.	1.140	1.070	1.070	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.908	1.571	1.559	1.443	1.485	1.620	1.798	1.743	1.688	1.426	1.474	1.867	1.012
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.500	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	7.746	6.046	5.361	4.842	4.996	5.301	7.203	6.949	6.668	5.682	6.131	7.367	3.496
N	39	39	39	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	1943	1943	1943	1943	1943	1949	1949	1949	1949	1949	1949	1949	1949
RECORD MAXIMUM	14,320	19,140	20,900	20,900	21,660	25,980	30,910	31,866	33,320	33,600	36,310	55,870	62,800
NORMALIZED MAX	3.047	3.145	2.876	2.716	2.644	3.148	3.870	3.816	3.538	3.405	3.500	3.729	2.842
CALC. COEF. VAR	.467	.607	.651	.621	.633	.643	.653	.627	.617	.589	.547	.611	.477
REGN. COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.884	2.468	2.730	2.918	3.038	3.223	3.412	3.622	3.926	4.217	4.927	6.390	1.0000
RP10/A	2.332	4.167	4.660	4.984	5.131	5.478	5.796	6.108	6.627	7.050	8.104	1.0597	1.5578
RP25/A	3.382	5.172	5.769	6.135	6.385	6.735	7.124	7.444	8.087	8.561	9.769	1.2871	1.8458
RP50/A	4.329	5.907	6.573	6.965	7.169	7.641	8.082	8.493	9.133	9.678	1.0952	1.4500	2.0579
RP100/A	4.816	6.626	7.358	7.772	7.971	8.521	9.012	9.463	1.0144	1.0738	1.2091	1.6074	2.2574
RP1000/A	6.366	8.943	9.873	1.0338	1.0507	1.1223	1.1973	1.2552	1.3340	1.4091	1.5666	2.1053	2.8849
RP10000/A	7.853	1.1195	1.2300	1.2800	1.2922	1.4011	1.4813	1.5515	1.6384	1.7284	1.9045	2.5795	3.4781
PMP/A	1.5846	2.1532	2.4350	2.6033	2.7010	2.8458	3.0081	3.1441	3.4140	3.5908	4.0478	5.3453	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 005 9260 0	STATION NAME VAN NUYS FC 15	ELEV 695	SEC 01N	TWP 15W	RNG LOT 5	8WM S	LATITUDE 34.180	LONGITUDE 118+451	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.91	3.56	3.93	4.35	4.60	4.73	4.98	5.33	5.82	6.14	7.27	9.45	14.21
5	4.39	5.48	6.09	6.73	7.07	7.29	7.66	8.15	8.87	9.27	10.77	14.15	20.05
10	5.36	6.79	7.54	8.28	8.67	8.96	9.42	9.99	10.83	11.28	12.98	17.18	23.75
20	6.27	8.04	8.91	9.74	10.15	10.52	11.06	11.72	12.65	13.15	15.02	19.99	27.15
25	6.55	8.43	9.33	10.20	10.60	11.01	11.57	12.26	13.21	13.73	15.65	20.87	28.21
40	7.14	9.25	10.22	11.14	10.83	12.02	12.64	13.37	13.49	14.02	16.94	21.29	30.37
50	7.41	9.63	10.64	11.58	11.99	12.50	13.13	13.89	14.92	15.49	17.54	23.51	31.37
100	8.24	10.80	11.91	12.92	13.33	13.93	14.64	15.48	16.57	17.18	19.37	26.08	34.42
200	9.06	11.95	13.15	14.23	14.64	15.34	16.12	17.03	18.18	18.83	21.14	28.55	37.38
1000	10.90	14.58	15.98	17.18	17.58	18.52	19.45	20.53	21.80	22.55	25.09	34.13	43.99
10000	13.44	18.25	19.90	21.27	21.62	22.91	24.07	25.37	26.77	27.66	30.50	41.82	53.03
PMP	27.13	35.10	39.40	43.27	45.18	46.53	48.87	51.42	55.78	57.46	64.83	86.66	110.40
MEAN	3.225	4.023	4.417	4.851	5.082	5.270	5.544	5.924	6.415	6.748	7.892	10.360	15.248
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.960	1.313	1.012	0.688	0.682	0.721	0.757	0.724	0.707	0.609	0.623	1.143	1.280
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.200	1.200	1.200	1.100	1.100	1.000	1.100	1.000
KURTOSIS	4.002	6.194	4.094	2.797	2.752	2.805	2.860	2.935	2.694	2.930	3.241	4.186	5.366
N	48	48	48	48	48	48	48	49	49	49	49	49	50
RECORD YEAR	1936	1943	1943	1943	1943	1943	1949	1943	1962	1941	1941	1969	1941
RECORD MAXIMUM	6.760	10.630	11.310	11.310	11.610	12.240	13.020	13.450	14.240	15.280	17.170	25.080	37.530
NORMALIZED MAX	2.264	3.404	2.984	2.503	2.419	2.464	2.448	2.271	2.379	2.802	2.789	3.343	3.763
CALC. COEF. VAR	.484	.497	.523	.532	.531	.537	.551	.529	.537	.532	.492	.509	.441
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2115	.2638	.2897	.3181	.3333	.3456	.3636	.3885	.4207	.4425	.5176	.6794	1.0000
RP10/A	.3516	.4455	.4945	.5432	.5684	.5875	.6155	.6555	.7101	.7498	.8512	1.1267	1.5576
RP25/A	.4530	.5530	.6122	.6612	.6958	.7202	.7591	.8066	.8766	.9005	1.0261	1.3085	1.8495
RP50/A	.4860	.6315	.6976	.7592	.7865	.8194	.8612	.9109	.9786	1.0156	1.1504	1.5416	2.0575
RP100/A	.5406	.7084	.7809	.8471	.8744	.9138	.9603	1.0149	1.0869	1.1268	1.2700	1.7090	2.2574
RP1000/A	.7147	.9502	1.0477	1.1268	1.1526	1.2143	1.2758	1.3482	1.4294	1.4786	1.6458	2.2384	2.8849
RP10000/A	.8816	1.1969	1.3053	1.3951	1.4176	1.5025	1.5784	1.6640	1.7556	1.8137	2.0005	2.7425	3.4781
PMP/A	1.7790	2.3021	2.5841	2.8375	2.9630	3.0518	3.2053	3.3720	3.6582	3.7680	4.2517	5.6932	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 095 9464 1	STATION NAME WATERMAN GUARD STATION		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE	RETURN PERIOD IN YEARS	
			3290			34.286			118.144		70		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.03	6.25	6.95	7.40	7.78	8.12	8.69	9.22	10.11	10.73	12.55	15.86	25.75
5	7.58	9.44	10.79	11.44	11.96	12.50	13.36	14.09	15.39	16.20	18.59	23.76	36.35
10	9.25	11.94	13.35	14.09	14.65	15.37	16.43	17.28	18.60	19.72	22.41	28.84	43.05
20	10.81	14.13	15.77	16.37	17.15	18.06	19.30	20.26	21.96	22.98	25.92	33.56	49.22
25	11.30	14.92	16.53	17.35	17.93	18.89	20.19	21.40	22.94	24.49	27.01	35.03	51.13
40	12.31	16.25	18.10	18.95	19.31	20.63	22.04	23.12	24.98	26.49	29.84	35.75	55.05
50	12.78	16.92	18.84	19.69	20.27	21.44	22.91	24.02	25.90	27.08	30.28	39.46	56.67
100	14.22	18.98	21.08	21.97	22.54	23.91	25.54	26.77	28.77	30.03	33.43	43.75	62.39
200	15.82	21.01	23.29	24.26	24.75	26.32	28.12	29.45	31.56	32.92	36.48	47.92	67.75
1000	18.79	25.62	28.29	29.23	29.71	31.77	33.94	35.50	37.83	39.41	43.31	57.30	76.74
10000	23.18	32.07	35.25	36.19	36.54	39.31	41.99	43.86	46.47	48.33	52.66	70.20	96.13
PMP	46.78	61.69	69.77	73.60	76.38	79.04	85.27	88.93	96.83	100.42	111.92	145.48	200.11
MEAN	5.562	7.070	7.822	8.252	8.591	9.042	9.673	10.246	11.136	11.793	13.623	17.391	27.640
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.280	1.069	1.050	1.088	1.051	1.022	1.072	1.059	1.045	1.007	1.348	1.866	1.010
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	4.273	7.299	5.792	4.982	5.156	6.259	6.000	6.311	5.672	5.504	4.804	6.844	3.537
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1938	1963	1943	1943	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	12.410	22.250	24.000	24.270	24.700	29.370	33.330	33.657	35.300	37.950	39.770	52.270	62.430
NORMALIZED MAX	2.130	3.451	3.278	3.201	2.981	3.494	3.715	3.536	3.428	3.479	3.269	3.779	2.766
CALC. COEF. VAR	.578	.622	.631	.606	.626	.643	.658	.646	.633	.637	.576	.491	.456
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.512	.512	.513	.501	.481	.491	.418
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.418
MEAN/A	.2012	.2558	.2630	.2985	.3108	.3271	.3500	.3707	.4029	.4267	.4929	.6292	1.0000
RP10/A	.3345	.4319	.4401	.5301	.5560	.5944	.6251	.6860	.7133	.8107	1.0435	1.5576	
RP25/A	.4088	.5361	.5780	.6276	.6488	.6939	.7268	.8082	.8682	.9772	1.2874	1.8496	
RP50/A	.4623	.6122	.6815	.7125	.7334	.7756	.8268	.8891	.9371	.9792	1.0955	1.4278	2.0575
RP100/A	.5143	.6867	.7628	.7950	.8155	.8649	.9242	.9884	1.0408	1.0865	1.2095	1.5828	2.2574
RP1000/A	.6799	.9279	1.0275	1.0575	1.0749	1.1493	1.2270	1.2848	1.3686	1.4257	1.5671	2.0730	2.6849
RP10000/A	.8387	1.1604	1.2752	1.3093	1.3220	1.4221	1.5191	1.5877	1.6812	1.7467	1.9051	2.5399	3.4781
PMP/A	1.6924	2.2318	2.5244	2.6630	2.7632	2.8885	3.0849	3.2175	3.5031	3.6331	4.0490	5.2633	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 095 9680 0	STATION NAME WHITTIER CITY HALL FC 106		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE	RETURN PERIOD IN YEARS	
			220	28	025	11W		5	33.975	118.035	70		
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.43	2.91	3.24	3.44	3.62	3.81	4.07	4.38	4.69	5.26	6.30	8.19	13.07
5	3.66	4.48	5.03	5.32	5.56	5.86	6.26	6.68	7.44	7.94	9.33	12.27	18.44
10	4.46	5.55	6.23	6.58	6.82	7.20	7.69	8.20	9.08	9.67	11.25	14.90	21.84
20	5.22	6.57	7.36	7.71	7.98	8.46	9.04	9.61	10.61	11.27	13.01	17.34	24.97
25	5.46	6.89	7.71	8.07	8.34	8.86	9.46	10.08	11.08	11.77	13.55	18.09	25.94
40	5.94	7.56	8.44	8.81	8.92	9.67	10.32	10.97	11.32	12.01	14.68	18.66	27.93
50	6.17	7.87	8.79	9.16	9.43	10.05	10.73	11.40	12.52	13.27	15.20	20.38	28.85
100	6.86	8.93	9.93	10.22	10.49	11.21	11.96	12.70	13.90	14.73	16.78	22.80	31.65
200	7.54	9.77	10.86	11.26	11.51	12.34	13.17	13.97	15.25	16.14	18.31	24.75	34.37
1000	9.07	11.92	13.19	13.60	13.82	14.89	15.69	16.84	18.28	19.32	21.74	29.59	40.45
10000	11.19	14.92	16.44	16.84	17.00	18.42	19.66	20.82	22.45	23.70	26.43	36.26	46.77
PMP	22.59	28.70	32.54	34.24	35.53	37.42	39.92	42.19	46.79	49.24	56.17	75.14	101.52
MEAN	2.686	3.269	3.648	3.839	3.997	4.238	4.529	4.861	5.381	5.763	6.637	8.982	14.022
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.389	1.276	1.007	.875	.844	.835	.835	.835	.835	.835	.835	.835	.835
REGIONAL SKEW	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	5.513	4.447	3.535	2.983	2.977	3.044	3.565	3.275	3.777	3.510	3.611	4.552	4.427
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1956	1943	1956	1938	1938	1969	1969	1969	1962	1962	1941	1969	1941
RECORD MAXIMUM	6.100	7.190	6.020	8.100	6.830	9.560	11.380	11.720	13.160	13.710	15.760	21.960	32.650
NORMALIZED MAX	2.855	2.438	2.473	2.231	2.450	2.475	2.973	2.647	2.766	2.660	2.641	2.982	3.305
CALC. COEF. VAR	.445	.487	.485	.498	.494	.507	.509	.499	.523	.511	.494	.486	.406
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.512	.512	.513	.501	.481	.491	.418
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.418
MEAN/A	.1915	.2345	.2602	.2737	.2850	.3022	.3230	.3467	.3837	.4078	.4606	.6000	1.0000
RP10/A	.3184	.3980	.4441	.4675	.4861	.5137	.5406	.5667	.6477	.6394	.6917	1.0823	1.5576
RP25/A	.3890	.4918	.5498	.5755	.5947	.6314	.6743	.7172	.7904	.8392	.9687	1.2903	1.8498
RP50/A	.4400	.5614	.6205	.6534	.6725	.7166	.7650	.8128	.8626	.9464	1.0838	1.4535	2.0575
RP100/A	.4895	.6297	.7013	.7290	.7478	.7991	.8501	.9057	.9594	1.1001	1.1905	1.6114	2.2574
RP1000/A	.6471	.8500	.9410	.9697	.9857	1.0819	1.1333	1.2013	1.3038	1.3760	1.5503	2.1105	2.6849
RP10000/A	.7982	1.0640	1.1724	1.2006	1.2123	1.3140	1.4021	1.4888	1.6013	1.6867	1.8847	2.5858	3.4781
PMP/A	1.6107	2.0464	2.3209	2.4418	2.5338	2.6889	2.8472	3.0091	3.3367	3.5115	4.0055	5.3584	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W01 1266 0	STATION NAME CAIN RANCH		ELEV 451	SEC 6850	TWP 03	RNG 015	LOT 26 E	8WM C	N M	LATITUDE 37.892	LONGITUDE 119.091	COUNTY CODE 26
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200		
2	1.70	2.06	2.22	2.33	2.40	2.49	2.63	2.86	3.24	3.50	4.16	5.56
5	2.48	3.14	3.48	3.62	3.75	3.91	4.08	4.42	4.90	5.30	6.09	7.98
10	3.04	3.93	4.39	4.55	4.72	4.92	5.15	5.55	6.06	6.57	7.40	9.65
20	3.57	4.71	5.27	5.45	5.66	5.91	6.19	6.67	7.19	7.79	8.65	11.26
25	3.75	4.96	5.55	5.74	5.96	6.23	6.52	7.03	7.55	8.18	9.04	11.76
40	4.10	5.48	6.13	6.34	6.59	6.89	7.22	7.78	8.30	8.94	9.86	12.82
50	4.27	5.73	6.41	6.63	6.95	7.29	7.63	8.13	8.65	9.29	10.24	13.32
100	4.78	6.49	7.27	7.50	7.80	8.16	8.58	9.23	9.73	10.55	11.42	14.05
200	5.29	7.25	8.11	8.37	8.71	9.12	9.60	10.32	10.80	11.71	12.57	16.35
1000	6.46	9.00	10.07	10.38	10.81	11.31	11.76	12.84	13.26	14.39	15.20	19.00
10000	8.11	11.49	12.83	13.21	13.77	14.41	15.30	16.42	16.73	18.15	18.68	24.63
PMP	14.82	19.96	22.96	23.60	24.62	25.82	26.69	28.61	30.42	33.01	35.75	45.21
MEAN												
	1.912	2.390	2.587	2.705	2.793	2.899	3.070	3.331	3.696	3.997	4.631	6.180
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.388	1.826	1.680	1.698	1.544	1.678	1.535	1.308	1.016	.798	.902	.866
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500

KURT0515	4.448	7.026	6.470	6.748	6.179	6.025	5.787	5.102	4.344	3.311	3.925	3.537	2.736
N	38	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1956	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1938	1952
RECORD MAXIMUM	3.070	6.990	7.110	8.020	8.100	8.830	9.050	9.477	9.850	9.850	11.260	13.610	19.130
NORMALIZED MAX	2.095	3.075	2.962	3.236	3.221	3.451	3.310	3.238	3.054	2.743	2.953	2.936	2.666
CALC. COEF. VAR	.480	.585	.490	.607	.590	.593	.589	.569	.545	.534	.488	.474	.340
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.325
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.325
MEAN/A	.1771	.2214	.2396	.2505	.2586	.2685	.2843	.3085	.3423	.3701	.4289	.5723	1.0000
RP10/A	.2814	.3643	.4061	.4213	.4370	.4558	.4765	.5161	.5616	.6082	.6857	.8936	1.4358
RP25/A	.3468	.4593	.5136	.5316	.5522	.5767	.6042	.6508	.6991	.7576	.8376	1.0894	1.6714
RP50/A	.3952	.5303	.5936	.6130	.6380	.6667	.6998	.7521	.8009	.8681	.9487	1.2334	1.8401
RP100/A	.4449	.6009	.6728	.6948	.7228	.7558	.7947	.8546	.9013	.9770	1.0974	1.3748	2.0031
RP1000/A	.5985	.8333	.9323	.9609	1.0008	1.0476	1.1072	1.1891	1.2284	1.3322	1.4077	1.8334	2.5189
RP10000/A	.7913	1.0638	1.1884	1.2236	1.2751	1.3356	1.4170	1.5206	1.5497	1.6811	1.7485	2.2814	3.0101
PMP/A	1.3540	1.8484	2.1264	2.1856	2.2880	2.3907	2.4721	2.6497	2.8170	3.0572	3.3108	4.1867	5.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W01 3369 0	STATION NAME DEM LAKE	ELEV 8970	SEC 19	TWP 025	RNG 26E	LOT M	8WM N	LATITUDE 37.752	LONGITUDE 119.143	COUNTY CODE 26
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.89	2.58	2.87	3.22	3.49	3.74	4.21	4.68	5.58	6.04
5	2.76	3.93	4.44	5.01	5.46	5.86	6.54	7.24	8.42	9.14
10	3.38	4.92	5.66	6.29	6.86	7.39	8.24	9.10	10.43	11.31
20	3.97	5.89	6.79	7.54	8.24	8.87	9.91	10.93	12.37	13.42
25	4.16	6.20	7.16	7.94	8.67	9.35	10.45	11.52	12.98	14.09
40	4.56	6.85	7.91	8.77	9.59	10.34	11.57	12.75	14.26	15.49
50	4.74	7.16	8.27	9.16	10.02	10.80	12.10	13.33	14.87	16.19
100	5.32	8.11	9.37	10.38	11.35	12.25	13.74	15.13	16.73	18.18
200	5.88	9.06	10.47	11.58	12.67	13.68	15.37	16.92	18.58	20.18
1000	7.19	11.25	12.99	14.35	15.71	16.98	19.14	21.05	22.81	24.78
10000	9.02	14.36	16.55	18.27	20.02	21.64	24.50	26.92	28.77	31.27
PMP	16.26	24.95	29.62	32.64	35.80	38.74	42.74	46.90	52.30	56.87
MEAN	2.126	2.988	3.338	3.741	4.062	4.350	4.915	5.460	6.355	6.885
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.512	.351	.261	.171	.100	.066	.037	.025	.017	.011
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600
KURT0515	2.998	2.872	3.227	2.895	2.829	2.670	3.343	4.683	3.738	3.291
N	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1941	1956	1956	1956	1941	1941	1969	1960	1969	1969
RECORD MAXIMUM	3.480	5.200	6.800	7.500	7.890	8.500	10.020	13.160	13.850	14.590
NORMALIZED MAX	1.725	2.131	2.551	2.375	2.257	2.288	2.450	3.225	2.780	2.664
CALC. COEF. VAR	.369	.347	.407	.423	.410	.417	.424	.437	.424	.420
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484
MEAN/A	.0985	.1384	.1545	.1732	.1881	.2014	.2276	.2520	.2943	.3188
RP15/A	.1564	.2277	.2619	.2913	.3178	.3420	.3837	.4274	.4827	.5239
RP25/A	.1928	.2871	.3313	.3676	.4015	.4327	.4834	.5334	.6010	.6525
RP50/A	.2197	.3315	.3829	.4243	.4638	.5002	.5602	.6172	.6885	.7477
RP100/A	.2462	.3756	.4340	.4805	.5255	.5671	.6362	.7005	.7748	.8416
RP1000/A	.3327	.5289	.6014	.6645	.7276	.7860	.8663	.9746	1.0560	1.1475
RP10000/A	.4176	.6650	.7655	.8461	.9271	1.0021	1.1344	1.2604	1.3322	1.4480
PMP/A	.7527	1.1554	1.3716	1.5113	1.6578	1.7938	1.9790	2.1718	2.4217	2.6333

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB W01 5779 0	STATION NAME MONO LAKE	ELEV 93	SEC 6450	TWP 30	RND LOT 02N	85W 26E	C M	LATITUDE 36.008	LONGITUDE 119.151	COUNTY CODE 26			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.11	2.78	3.14	3.26	3.47	3.76	3.96	4.19	4.44	4.76	5.02	6.98	12.49
5	3.07	4.19	4.85	4.97	5.32	5.75	6.00	6.32	6.55	7.04	8.06	9.92	16.40
10	3.69	5.13	5.97	6.08	6.51	7.02	7.30	7.67	7.86	8.45	9.55	11.81	18.83
20	4.27	6.01	7.01	7.10	7.51	8.18	8.49	8.91	9.08	9.74	10.90	13.58	21.04
25	4.46	6.29	7.34	7.42	7.96	8.54	8.86	9.29	9.43	10.11	11.31	14.11	21.73
40	4.83	6.87	8.01	7.58	8.13	9.28	9.61	10.08	10.18	10.95	12.15	14.38	23.12
60	5.07	7.14	8.33	8.38	8.99	9.62	9.96	10.44	10.53	11.33	12.54	15.76	25.77
100	5.55	7.97	9.29	9.31	10.00	10.86	11.03	11.56	11.59	12.47	13.72	17.35	25.73
200	6.07	8.78	10.21	10.21	10.97	11.87	12.06	12.63	12.61	13.57	14.84	18.91	27.02
1000	7.25	10.61	12.35	12.25	13.16	13.93	14.37	15.04	14.89	16.02	17.34	22.40	31.63
10000	8.89	13.17	15.29	15.05	16.18	17.02	17.54	18.34	17.98	19.35	20.70	27.20	37.55
PMP	17.70	25.85	31.08	31.37	33.79	36.62	37.60	39.24	39.34	42.36	46.13	55.21	77.08
MEAN	2.315	3.095	3.501	3.595	3.833	4.113	4.324	4.568	4.780	5.126	5.976	7.547	13.120
CLOCK MR. COR.	1.140	1.070	1.040	1.040	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.091	2.677	2.273	2.159	1.899	1.686	1.677	1.609	1.519	1.447	1.344	1.141	0.900
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	6.636	6.576	7.831	7.311	6.459	6.835	6.791	6.635	6.309	5.008	5.018	5.008	4.306
N	25	25	25	25	25	25	25	25	25	25	25	25	25
RECORD YEAR	1963	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.130	9.630	12.250	12.400	12.930	14.020	14.700	14.700	14.740	16.000	18.300	23.100	37.500
NORMALIZED MAX	2.314	2.457	2.907	2.949	2.959	3.107	3.190	3.176	3.135	2.840	3.011	2.879	2.636
CALC. COEF. VAR	.712	.783	.659	.631	.602	.775	.752	.668	.665	.660	.594	.498	.376
REGION. COEF. VAR	.443	.490	.525	.513	.521	.521	.513	.508	.482	.484	.448	.421	.325
USED COEF. VAR	.443	.490	.525	.513	.521	.527	.513	.506	.482	.484	.448	.421	.325
MEAN/A	.1765	.2359	.2689	.2740	.2921	.3135	.3296	.3482	.3643	.3909	.4555	.5753	1.0000
RP10/A	.2813	.3907	.4547	.4632	.4962	.5349	.5562	.5844	.5994	.6442	.7262	.9000	1.4351
RP25/A	.3397	.4797	.5594	.5655	.6066	.6509	.6750	.7081	.7187	.7727	.8622	1.0750	1.6580
RP50/A	.3818	.5442	.6349	.6388	.6856	.7334	.7594	.7961	.8030	.8835	.9561	1.2013	1.6119
RP100/A	.4327	.6071	.7082	.7086	.7619	.8128	.8466	.8808	.8836	.9563	1.0459	1.3228	1.9511
RP1000/A	.5329	.8688	.9415	.9335	1.0035	1.0620	1.0957	1.1468	1.1348	1.2210	1.3218	1.7071	2.4261
RP10000/A	.6777	1.0035	1.1034	1.1468	1.2335	1.2976	1.3368	1.3978	1.3703	1.4747	1.5781	2.0731	2.8619
PMP/A	1.3491	1.9700	2.3886	2.3907	2.5752	2.7915	2.8657	2.9911	2.9993	3.2285	3.5165	4.2080	5.6750

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB W03 50 51	STATION NAME ALABAMA HILLS	ELEV 447	SEC 3675	TWP 30	RND LOT 02N	85W 26E	C M	LATITUDE 36.671	LONGITUDE 118.064	COUNTY CODE 14			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.97	1.09	1.17	1.19	1.19	1.24	1.27	1.29	1.41	1.46	1.61	1.94	3.43
5	1.67	1.98	2.16	2.20	2.23	2.32	2.37	2.39	2.55	2.61	2.75	3.30	5.20
10	2.16	2.63	2.87	2.93	2.97	3.09	3.17	3.19	3.34	3.42	3.53	4.23	6.34
20	2.63	3.27	3.56	3.64	3.69	3.84	3.97	3.97	4.14	4.21	4.27	5.13	7.40
25	2.78	3.48	3.78	3.86	3.93	4.08	4.22	4.23	4.39	4.46	4.50	5.42	7.73
40	3.10	3.91	4.25	4.34	4.41	4.58	4.75	4.75	4.91	4.97	4.98	6.01	7.89
50	3.25	4.11	4.46	4.56	4.64	4.82	5.00	5.00	5.15	5.22	5.21	6.29	8.72
100	3.70	4.75	5.14	5.25	5.34	5.55	5.78	5.77	5.90	5.97	5.91	7.15	9.68
200	4.15	5.37	5.81	5.93	6.04	6.28	6.55	6.54	6.64	6.72	6.59	7.99	10.61
1000	5.19	6.82	7.34	7.51	7.64	7.95	8.33	8.31	8.34	8.43	8.15	9.92	12.71
10000	6.65	8.86	9.52	9.73	9.91	10.31	10.87	10.83	10.75	10.64	10.33	12.93	15.00
PMP	12.40	15.90	17.49	17.69	18.24	18.97	19.50	19.41	20.22	20.36	20.33	24.16	32.45
MEAN	1.164	1.351	1.455	1.481	1.493	1.552	1.601	1.624	1.720	1.775	1.883	2.289	3.778
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.409	2.231	2.043	2.151	2.205	2.204	2.233	2.239	2.017	2.059	2.019	1.888	.876
REGIONAL SKEW	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.600	1.500	1.100
SKEW USED	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.600	1.500	1.100
KURTOSIS	18.320	9.470	6.375	6.065	6.073	6.486	6.482	6.541	6.380	7.567	7.441	7.432	3.662
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	4.320	5.570	5.800	6.190	6.420	6.420	6.440	6.500	6.500	6.560	6.560	8.040	9.300
NORMALIZED MAX	3.513	3.798	3.628	3.511	3.428	3.642	3.745	3.745	3.745	3.745	3.745	3.597	2.868
CALC. COEF. VAR	.821	.622	.585	.605	.620	.676	.687	.687	.702	.695	.728	.699	.510
REGION. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.3080	.3577	.3851	.3920	.3951	.4110	.4239	.4300	.4554	.4698	.4986	.6080	1.0000
RP10/A	.5717	.6960	.7598	.7754	.7864	.8179	.8401	.8436	.8893	.9058	.9438	1.1200	1.6785
RP25/A	.7313	.9209	1.0018	1.0231	1.0390	1.0807	1.1116	1.1161	1.1764	1.1812	1.2343	1.4043	2.0453
RP50/A	.8595	1.0891	1.1816	1.2073	1.2270	1.2762	1.3256	1.3262	1.3816	1.3816	1.4374	1.6540	2.3648
RP100/A	.9801	1.2563	1.3600	1.3697	1.4131	1.4498	1.4722	1.4722	1.5016	1.5012	1.5630	1.8914	2.5610
RP1000/A	1.3735	1.8655	1.9438	1.9872	2.0227	2.1038	2.2059	2.2010	2.2090	2.2316	2.1374	2.8261	3.3646
RP10000/A	1.7486	2.3520	2.5200	2.5755	2.6244	2.7599	2.8764	2.8764	2.8849	2.9044	2.7449	3.5437	4.1995
PMP/A	3.2837	4.2096	4.6300	4.7371	4.8263	5.0220	5.1615	5.1596	5.3530	5.3699	5.3622	6.3956	8.1900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY			
W03 776 0	BIG PINE PH 3	450	5400	25	095	33E	M	37.126	118.323	14			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.91	2.27	2.44	2.51	2.56	2.65	2.74	2.86	3.18	3.35	3.65	5.03	8.01
5	3.27	4.16	4.52	4.66	4.79	4.95	5.13	5.29	5.77	5.99	6.60	8.55	12.13
10	4.23	5.54	6.00	6.20	6.38	6.60	6.87	7.07	7.60	7.83	8.46	10.98	14.78
20	5.16	6.90	7.45	7.70	7.94	8.21	8.59	8.81	9.36	9.64	10.23	13.32	17.24
25	5.45	7.33	7.91	8.18	8.44	8.72	9.14	9.37	9.93	10.21	10.79	14.06	18.01
40	6.07	8.24	8.88	9.18	9.47	9.79	10.29	10.54	11.09	11.40	11.95	15.59	19.38
50	6.36	8.67	9.33	9.65	9.96	10.30	10.83	11.09	11.65	11.97	12.50	16.32	20.32
100	7.25	10.00	10.74	11.11	11.47	11.86	12.51	12.80	13.34	13.69	14.16	18.54	22.56
200	8.13	11.32	12.14	12.56	12.97	13.41	14.18	14.51	15.02	15.40	15.81	20.73	24.74
1000	10.16	14.38	15.35	15.89	16.42	16.97	18.05	18.44	18.87	19.33	19.54	25.74	29.63
10000	13.02	18.72	19.90	20.60	21.31	22.02	23.54	24.02	24.31	24.86	24.77	32.77	36.36
PMP	24.29	33.51	36.57	37.88	39.20	40.51	42.23	43.04	43.74	46.88	46.76	62.68	75.84
MEAN	2.279	2.847	3.041	3.134	3.208	3.315	3.468	3.602	3.891	4.070	4.517	5.938	8.806
CLOCK MR. COR.	1.140	1.670	1.800	1.820	1.840	1.860	1.880	1.900	1.920	1.940	1.960	1.980	1.990
CALCULATED SKEW	.761	1.069	1.175	1.233	1.299	1.348	1.426	1.496	1.778	1.971	1.840	2.189	1.553
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.400	1.500	1.100
KURTOSIS	2.899	3.520	3.880	3.954	4.071	4.241	4.555	4.836	5.336	5.836	6.336	10.418	6.608
N	44	44	44	44	44	44	44	44	44	44	44	44	44
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.920	7.320	8.880	9.490	11.030	11.030	14.350	14.550	14.840	15.900	17.080	24.330	28.630
NORMALIZED MAX	1.866	2.275	2.721	2.809	3.273	3.026	3.914	3.922	3.834	4.023	4.062	4.347	3.814
CALC. COEF. VAR	.621	.691	.706	.722	.745	.769	.801	.775	.734	.723	.685	.712	.590
REGION. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.2588	.3233	.3454	.3559	.3643	.3765	.3939	.4091	.4419	.4622	.5129	.6744	1.0000
RP10/A	.4803	.6292	.6814	.7041	.7250	.7493	.7805	.8025	.8629	.8969	.9806	1.2471	1.6783
RP25/A	.6192	.8325	.8984	.9290	.9580	.9901	1.0375	1.0640	1.1271	1.1599	1.2256	1.5962	2.0453
RP50/A	.7220	.9846	1.0596	1.0863	1.1313	1.1892	1.2297	1.2597	1.3225	1.3589	1.4191	1.8528	2.3079
RP100/A	.8214	1.1357	1.2196	1.2499	1.3029	1.3665	1.4207	1.4542	1.5152	1.5552	1.6086	2.1050	2.5618
RP1000/A	1.1538	1.6331	1.7432	1.8044	1.8649	1.9274	2.0495	2.0938	2.1434	2.1948	2.2194	2.9228	3.3648
RP10000/A	1.4784	2.1263	2.2599	2.3399	2.4197	2.5007	2.6729	2.7282	2.7604	2.8230	2.8128	3.7213	4.1295
PMP/A	2.7586	3.8056	4.2529	4.3014	4.4517	4.6008	4.7955	4.8883	5.1941	5.3012	5.5369	7.1181	8.5900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY			
W03 822 0	BISHOP A P	7	4106	05	075	33E	M	37.367	118.367	14			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.22	1.42	1.51	1.53	1.60	1.65	1.70	1.75	1.90	2.09	2.30	2.91	4.92
5	2.10	2.80	2.80	2.84	3.00	3.09	3.18	3.24	3.44	3.74	3.94	4.95	7.46
10	2.72	3.47	3.72	3.78	3.99	4.11	4.28	4.33	4.53	4.89	5.06	6.36	9.09
20	3.31	4.32	4.62	4.69	4.97	5.12	5.32	5.39	5.58	6.02	6.12	7.71	10.81
25	3.50	4.59	4.90	4.98	5.28	5.43	5.66	5.73	5.91	6.37	6.40	8.14	11.08
40	3.90	5.16	5.50	5.59	5.92	6.10	6.37	6.45	6.61	7.11	7.15	9.03	11.31
50	4.08	5.43	5.78	5.88	6.23	6.42	6.70	6.79	6.94	7.48	7.47	9.45	12.50
100	4.66	6.26	6.66	6.77	7.18	7.39	7.75	7.84	7.95	8.54	8.47	10.73	13.88
200	5.23	7.09	7.52	7.65	8.11	8.36	8.78	8.88	8.95	9.61	9.45	12.00	15.22
1000	6.53	9.00	9.51	9.68	10.27	10.58	11.17	11.29	11.25	12.04	11.69	14.90	18.23
10000	8.36	11.72	12.34	12.55	13.33	13.73	14.57	14.70	14.48	15.51	14.81	18.97	22.37
PMP	15.61	20.97	22.67	23.07	24.52	25.26	26.15	26.35	27.25	29.12	29.15	36.29	46.54
MEAN	1.464	1.782	1.885	1.909	2.006	2.067	2.147	2.205	2.318	2.539	2.701	3.438	5.418
CLOCK MR. COR.	1.140	1.670	1.800	1.820	1.840	1.860	1.880	1.900	1.920	1.940	1.960	1.980	1.990
CALCULATED SKEW	1.028	1.124	.994	.966	1.073	1.181	1.853	1.869	1.718	1.780	1.703	2.303	1.489
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.400	1.500	1.100
KURTOSIS	3.611	3.619	3.070	2.977	3.474	3.965	7.550	7.737	6.747	7.167	6.532	10.570	5.035
N	40	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1969	1945	1945	1945	1967	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	3.500	4.980	4.980	4.980	5.790	6.400	8.820	8.897	8.920	9.660	9.910	15.030	17.080
NORMALIZED MAX	2.187	2.472	2.250	2.221	2.546	2.776	3.037	3.06	3.000	3.377	3.500	5.000	3.459
CALC. COEF. VAR	.643	.726	.730	.724	.741	.755	.810	.784	.770	.746	.746	.792	.633
REGION. COEF. VAR	.644	.718	.735	.739	.748	.748	.748	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.2702	.3289	.3479	.3524	.3703	.3815	.3984	.4070	.4280	.4686	.4985	.6347	1.0000
RP10/A	.5015	.6401	.6885	.6971	.7371	.7692	.7855	.7984	.8355	.9033	.9310	1.1737	1.6785
RP25/A	.6187	.8409	.9019	.9189	.9719	1.0102	1.0441	1.0586	1.0917	1.1701	1.1910	1.5022	2.0453
RP50/A	.7540	1.0016	1.0678	1.0853	1.1801	1.1847	1.2376	1.2532	1.2609	1.3778	1.3792	1.7437	2.3079
RP100/A	.8596	1.1583	1.2208	1.2493	1.3245	1.3644	1.4298	1.4466	1.4676	1.5760	1.5633	1.9810	2.5618
RP1000/A	1.2050	1.6612	1.7563	1.7864	1.8959	1.9829	2.0626	2.0831	2.0760	2.2254	2.1569	2.7504	3.3648
RP10000/A	1.5439	2.1829	2.2749	2.3165	2.4508	2.5352	2.6889	2.7142	2.6738	2.8624	2.7336	3.5021	4.1295
PMP/A	2.6808	3.6712	4.1641	4.2893	4.5257	4.6818	4.8262	4.8633	5.0307	5.3751	5.3011	6.6988	8.5900

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W03 2069 0	STATION NAME COTTONWOOD CREEK	ELEV 453	SEC 10600	TWP 03	RNG LOT 175 35E	BM M	LATITUDE 36.484	LONGITUDE 118.181	COUNTY CODE 14				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.64	2.61	2.21	2.41	2.92	2.69	2.84	2.86	3.72	4.02	4.97	6.93	14.31
5	2.81	3.68	4.08	4.46	4.71	5.02	5.32	5.29	6.74	7.18	8.51	11.77	21.68
10	3.63	4.90	5.42	5.94	6.27	6.69	7.12	7.06	8.87	9.41	10.92	15.12	26.43
20	4.43	6.10	6.73	7.37	7.80	8.32	8.90	8.81	10.93	11.57	13.21	18.34	30.84
25	4.68	6.48	7.14	7.83	8.29	8.84	9.47	9.36	11.58	12.26	13.93	19.35	32.20
40	5.21	7.29	8.02	8.79	9.31	9.93	10.66	10.53	12.95	13.68	15.43	21.47	32.67
50	5.46	7.67	8.43	9.24	9.79	10.44	11.22	11.09	13.60	14.36	16.13	22.46	36.34
100	6.22	8.85	9.70	10.64	11.28	12.02	12.96	12.86	15.58	16.43	18.28	25.52	40.34
200	6.98	10.02	10.96	12.03	12.75	13.59	14.70	14.50	17.54	18.40	20.40	28.54	44.23
1000	8.72	12.72	13.86	15.21	16.14	17.21	18.70	18.43	22.04	23.19	25.22	35.43	52.98
10000	11.17	16.56	17.97	19.73	20.94	22.33	24.39	24.01	28.38	29.83	31.97	45.12	65.02
PMP	20.85	29.64	33.02	36.27	38.53	41.06	43.75	43.02	53.40	56.01	62.93	86.30	135.26
MEAN	1.956	2.518	2.746	3.001	3.153	3.362	3.594	3.600	4.543	4.883	5.829	8.176	15.746
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.981	2.462	1.935	1.621	1.485	1.463	1.460	1.455	1.958	2.006	1.699	1.888	1.107
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
KURTOSIS	6.619	10.527	6.592	6.983	6.614	5.372	5.305	7.757	7.114	7.112	6.313	7.432	4.737
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969
RECORD MAXIMUM	1.967	1.967	1.967	1.967	1.967	1.967	1.967	1.967	1.969	1.969	1.969	1.969	1.969
NORMALIZED MAX	2.594	3.096	2.767	2.908	2.908	2.533	2.443	3.057	3.021	2.981	3.073	3.251	2.874
CALC. COEF. VAR	.482	.378	.506	.630	.627	.686	.639	.581	.711	.674	.582	.511	.333
REGION. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.736	.717	.698	.693	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.736	.717	.698	.693	.637	.506
MEAN/A	1.242	1.599	1.744	1.996	2.062	2.135	2.282	2.286	2.885	3.101	3.702	5.192	1.0000
RP10/A	2.205	3.113	3.441	3.770	3.985	4.249	4.523	4.485	5.535	5.978	6.933	9.602	1.6785
RP25/A	2.973	4.118	4.537	4.974	5.265	5.614	6.012	5.947	7.386	7.763	8.845	12.290	2.0453
RP50/A	3.666	4.871	5.352	5.870	6.218	6.630	7.126	7.049	8.636	9.110	1.0242	1.6266	2.3079
RP100/A	3.953	5.618	6.199	6.757	7.161	7.635	8.232	8.127	9.894	1.0439	1.1810	1.6208	2.5167
RP1000/A	5.539	8.078	8.803	9.652	1.0250	1.0929	1.1875	1.1703	1.3996	1.4872	1.4819	2.2502	3.3846
RP10000/A	7.097	1.0518	1.1413	1.2829	1.3299	1.4180	1.5487	1.5248	1.8025	1.8942	2.0301	2.8052	4.1295
PMP/A	1.3242	1.8825	2.0972	2.3032	2.4468	2.6089	2.7787	2.7321	3.3916	3.5571	3.9902	5.4605	6.5900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W03 2071 0	STATION NAME COTTONWOOD GATES	ELEV 454	SEC 3775	TWP 35	RNG LOT 175 36E	BM M	LATITUDE 36.419	LONGITUDE 118.037	COUNTY CODE 14				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.46	1.65	1.76	1.77	1.79	1.86	1.91	2.01	2.21	2.35	2.69	3.45	5.57
5	2.51	3.01	3.25	3.29	3.35	3.47	3.57	3.71	4.01	4.20	4.60	5.86	8.44
10	3.25	4.01	4.32	4.37	4.48	4.63	4.79	4.96	5.27	5.51	5.90	7.53	10.28
20	3.96	5.00	5.37	5.43	5.55	5.75	5.98	6.18	6.50	6.77	7.14	9.13	12.00
25	4.19	5.31	5.70	5.77	5.90	6.11	6.36	6.57	6.88	7.17	7.53	9.64	12.53
40	4.66	5.97	6.40	6.47	6.62	6.86	7.17	7.39	7.70	8.00	8.34	10.69	12.79
50	4.88	6.28	6.72	6.80	6.97	7.22	7.54	7.78	8.08	8.40	8.72	11.19	14.14
100	5.57	7.24	7.74	7.83	8.02	8.31	8.72	8.98	9.25	9.61	9.85	12.71	15.70
200	6.25	8.20	8.74	8.85	9.07	9.40	9.88	10.18	10.42	10.81	11.03	14.21	17.21
1000	7.80	10.42	11.06	11.20	11.48	11.90	12.57	12.94	13.69	13.96	14.64	17.65	20.61
10000	10.00	13.58	14.34	14.92	14.90	15.44	16.40	16.85	18.56	17.44	17.29	22.47	25.30
PMP	16.65	24.27	26.35	26.70	27.41	28.46	29.42	30.20	31.72	32.76	34.63	42.96	52.63
MEAN	1.730	2.062	2.191	2.209	2.243	2.324	2.416	2.527	2.699	2.856	3.153	4.072	6.127
CLOCK HR. COR.	1.149	1.070	1.040	1.020	1.010	1.010	1.009	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.649	1.803	1.905	1.840	2.128	2.080	2.093	2.165	1.846	1.923	1.681	1.785	1.108
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
KURTOSIS	6.437	8.600	7.307	6.957	6.711	7.997	7.832	8.209	6.835	7.315	6.418	7.380	4.643
N	42	42	42	42	42	42	42	42	42	42	42	42	42
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	5.100	6.780	8.160	8.160	9.320	9.320	9.320	9.730	10.260	10.440	14.800	17.180	17.180
NORMALIZED MAX	2.924	3.061	3.499	3.503	3.927	3.742	3.516	3.362	3.376	3.326	3.444	3.813	3.302
CALC. COEF. VAR	.655	.748	.776	.769	.803	.804	.812	.800	.772	.768	.713	.691	.546
REGION. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	2.856	3.366	3.576	3.606	3.661	3.794	3.944	4.125	4.405	4.662	5.146	6.647	1.0000
RP10/A	5.300	6.550	7.036	7.134	7.286	7.591	7.816	8.092	8.603	8.896	9.637	12.292	1.6785
RP25/A	6.634	8.866	9.304	9.412	9.627	9.977	1.0389	1.0729	1.1238	1.1699	1.2295	1.5733	2.0453
RP50/A	7.088	1.0249	1.176	1.1107	1.1369	1.1702	1.2314	1.2702	1.3184	1.3766	1.4237	1.8282	2.3079
RP100/A	9.087	1.1822	1.2631	1.2785	1.3093	1.3569	1.4226	1.4662	1.5106	1.5665	1.6138	2.0708	2.5618
RP1000/A	1.2733	1.7000	1.8053	1.8881	1.8741	1.9422	2.0522	2.1113	2.1388	2.2137	2.2266	2.8046	3.3646
RP10000/A	1.6318	2.2133	2.3404	2.3768	2.4316	2.5199	2.6764	2.7510	2.7519	2.8473	2.8219	3.6679	4.1295
PMP/A	3.6442	3.9814	4.3007	4.3578	4.4736	4.8382	4.8020	4.9292	5.1781	5.3368	5.5548	7.0199	8.5900

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE				
W03 3434 11	OLACIER LODGE	456	8200				37.126	118.433	14				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.15	2.83	3.28	3.29	3.36	3.67	3.64	3.84	4.22	4.67	5.50	7.25	14.23
5	3.69	5.18	6.07	6.11	6.28	6.86	6.81	7.11	7.66	8.35	9.42	12.33	21.56
10	4.78	6.89	8.07	8.13	8.37	9.15	9.12	9.49	10.08	10.94	12.08	15.84	26.27
20	5.82	8.58	10.02	10.10	10.41	11.38	11.39	11.83	12.43	13.45	14.62	19.21	30.65
25	6.16	9.12	10.64	10.72	11.05	12.09	12.12	12.58	13.17	14.24	15.42	20.27	32.01
40	6.85	10.25	11.94	12.04	12.41	13.57	13.64	14.15	14.72	15.91	17.07	22.49	32.68
50	7.18	10.78	12.55	12.66	13.06	14.27	14.36	14.89	15.45	16.69	17.85	23.53	36.12
100	8.19	12.44	14.44	14.57	15.04	16.44	16.59	17.19	17.70	19.10	20.23	26.73	40.10
200	9.19	14.08	16.32	16.47	17.00	18.59	18.81	19.48	19.93	21.48	22.98	29.89	43.97
1000	11.47	17.88	20.64	20.83	21.52	23.53	23.94	24.76	25.64	26.95	27.92	37.11	52.66
10000	14.70	23.26	26.76	27.01	27.92	30.53	31.22	32.26	32.25	34.67	35.38	47.25	64.63
PMF	27.43	41.67	49.17	49.66	51.38	56.17	56.01	57.80	60.69	65.10	69.65	90.39	134.45
MEAN	2.573	3.541	4.089	4.109	4.204	4.597	4.601	4.837	5.163	5.676	6.452	8.563	15.652
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.478	1.646	1.626	1.608	1.603	1.269	1.181	1.024	0.957	0.859	0.757	0.597	0.299
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
KURTOSIS	5.254	5.142	5.322	5.007	4.923	3.830	4.830	4.523	3.930	3.859	3.529	3.924	9.825
N	21	21	20	19	19	20	19	19	19	19	19	20	22
RECORD YEAR	1956	1963	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1969
RECORD MAXIMUM	6.400	9.700	11.900	12.450	13.100	13.180	13.420	13.700	13.940	13.940	14.550	19.400	48.100
NORMALIZED MAX	2.279	2.270	2.404	2.407	2.481	2.330	2.543	2.491	2.376	2.281	2.283	2.443	3.528
CALC. COEF. VAR	.653	.766	.794	.843	.853	.802	.754	.736	.716	.638	.550	.518	.589
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	1.644	2.262	2.613	2.625	2.686	2.937	2.939	3.090	3.298	3.626	4.122	5.471	1.0000
RP10/A	3.051	4.402	5.155	5.193	5.288	5.845	5.825	6.063	6.441	6.990	7.720	1.0118	1.6785
RP25/A	3.934	5.625	6.796	6.852	7.064	7.723	7.742	8.038	8.414	9.101	9.950	1.2950	2.5054
RP50/A	4.587	6.889	8.018	8.086	8.341	9.120	9.177	9.516	9.972	1.0662	1.1405	1.5032	2.3079
RP100/A	5.231	7.949	9.227	9.308	9.607	10.503	1.0602	1.0984	1.1311	1.2202	1.2928	1.7078	2.5618
RP1000/A	7.330	11.426	13.188	13.309	13.751	15.034	1.5294	1.5818	1.6800	1.7221	1.7837	2.3711	3.3648
RP10000/A	9.392	14.876	17.097	17.259	17.841	19.566	1.9946	2.0610	2.0606	2.1500	2.2606	3.0191	4.1295
PMF/A	1.7525	2.6626	3.1417	3.1726	3.2824	3.5887	3.5786	3.6929	3.8773	4.1593	4.4500	5.7749	8.5900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W03 3710 0	STATION NAME HAIMEE	ELEV 66	SEC 3830	TWP 02	RNG LOT 215 37E F M	BWM M	LATITUDE 36.137	LONGITUDE 117.957	COUNTY CODE 14				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.27	1.48	1.60	1.63	1.68	1.71	1.76	1.87	2.09	2.19	2.54	3.20	5.60
5	2.19	2.71	2.96	3.02	3.13	3.19	3.30	3.46	3.79	3.91	4.34	5.44	8.48
10	2.83	3.61	3.98	4.02	4.18	4.25	4.44	4.62	4.99	5.13	5.57	6.99	10.34
20	3.45	4.50	4.88	4.99	5.19	5.29	5.52	5.76	6.15	6.30	6.74	8.48	12.07
25	3.65	4.78	5.19	5.30	5.52	5.62	5.88	6.13	6.51	6.67	7.11	8.95	12.60
40	4.06	5.37	5.82	5.95	6.19	6.31	6.62	6.89	7.28	7.45	7.87	9.93	12.66
50	4.25	5.65	6.12	6.28	6.51	6.64	6.97	7.25	7.64	7.82	8.23	10.36	14.22
100	4.85	6.52	7.04	7.20	7.50	7.64	8.05	8.37	8.76	8.95	9.33	11.80	15.78
200	5.44	7.38	7.96	8.14	8.48	8.64	9.12	9.49	9.86	10.07	10.41	13.20	17.31
1000	6.80	9.37	10.06	10.30	10.74	10.94	11.61	12.06	12.39	12.63	12.87	16.39	20.73
10000	8.71	12.21	13.05	13.36	13.93	14.20	15.14	15.71	15.95	16.24	16.31	20.86	25.44
PMF	16.25	21.86	23.97	24.58	25.64	26.12	27.17	28.15	30.02	30.50	32.11	39.91	52.92
MEAN	1.524	1.856	1.994	2.032	2.098	2.137	2.231	2.356	2.554	2.659	2.974	3.781	6.161
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.284	1.529	1.636	1.685	1.750	1.769	1.852	1.902	1.965	1.959	1.775	1.207	1.057
REGIONAL	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.500	1.100	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.500	1.100	1.100
KURTOSIS	4.955	5.527	5.880	5.935	6.077	5.993	5.904	4.537	3.230	3.257	3.012	4.518	4.592
N	46	46	46	46	46	46	46	46	46	46	46	46	46
RECORD YEAR	1946	1946	1967	1967	1967	1967	1967	1967	1967	1967	1967	1969	1941
RECORD MAXIMUM	3.300	4.770	6.000	6.000	6.500	6.500	6.500	6.510	6.680	6.990	10.740	16.730	26.730
NORMALIZED MAX	2.365	2.705	3.184	3.189	3.504	3.432	3.212	2.892	2.518	2.507	2.387	3.143	3.362
CALC. COEF. VAR	.644	.590	.631	.613	.599	.595	.596	.610	.613	.603	.566	.586	.510
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.2474	.3012	.3236	.3297	.3405	.3469	.3622	.3824	.4145	.4316	.4827	.6137	1.0000
RP10/A	.4591	.5862	.6384	.6523	.6777	.6905	.7177	.7502	.8095	.8320	.9041	1.1349	1.6785
RP25/A	.5920	.7756	.8618	.8667	.8955	.9123	.9539	.9946	1.0573	1.0833	1.1534	1.4525	2.0653
RP50/A	.6902	.9173	.9930	1.0156	1.0574	1.0778	1.1307	1.1775	1.2406	1.2691	1.3356	1.6860	2.3079
RP100/A	.7871	1.0591	1.1428	1.1691	1.2178	1.2408	1.3063	1.3592	1.4214	1.4524	1.5139	1.9155	2.5618
RP1000/A	1.1036	1.5215	1.6333	1.6717	1.7432	1.7760	1.8844	1.9572	2.0106	2.0498	2.0888	2.6595	3.3648
RP10000/A	1.4133	1.9810	2.1175	2.1678	2.2617	2.3043	2.4576	2.5502	2.5894	2.6365	2.6742	3.3863	4.1295
PMF/A	2.6371	3.5456	3.8911	3.9849	4.1611	4.2395	4.4093	4.5694	4.8723	4.9599	5.2111	6.4773	8.5900

PEARSON TYPE III DISTRIBUTION ESTIMATE
 PROBABLE MAXIMUM PRECIPITATION USED BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB W03 4232 0	STATION NAME INDEPENDENCE	ELEV 72	SEC 3950	TWP 18	RNG LOT 135	BWM J M	LATITUDE 36.801	LONGITUDE 118.185	COUNTY CODE 14				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.07	1.22	1.31	1.36	1.39	1.41	1.42	1.47	1.63	1.74	2.01	2.45	4.14
5	1.83	2.24	2.43	2.52	2.60	2.63	2.66	2.73	2.96	3.12	3.44	4.17	6.27
10	2.37	2.98	3.23	3.36	3.47	3.50	3.56	3.64	3.89	4.08	4.42	5.38	7.64
20	2.89	3.72	4.00	4.17	4.31	4.36	4.45	4.54	4.80	5.02	5.34	6.50	8.91
25	3.06	3.95	4.25	4.43	4.58	4.63	4.73	4.82	5.08	5.32	5.64	6.86	9.31
40	3.40	4.44	4.77	4.97	5.14	5.20	5.33	5.43	5.68	5.94	6.24	7.60	10.50
50	3.57	4.67	5.02	5.23	5.41	5.46	5.61	5.71	5.96	6.23	6.53	7.96	10.51
100	4.07	5.39	5.77	6.02	6.23	6.29	6.48	6.59	6.83	7.13	7.40	9.04	11.66
200	4.56	6.10	6.52	6.80	7.04	7.12	7.35	7.47	7.69	8.02	8.25	10.11	12.70
1000	5.70	7.75	8.25	8.60	8.91	9.01	9.35	9.49	9.67	10.06	10.21	12.55	15.32
10000	7.30	10.09	10.70	11.18	11.57	11.69	12.19	12.37	12.45	12.94	12.93	15.98	18.80
PMP	13.62	18.05	19.66	20.51	21.28	21.50	21.87	22.16	23.42	24.30	25.46	30.57	39.10
MEAN	1.278	1.534	1.635	1.697	1.741	1.760	1.796	1.854	1.992	2.118	2.359	2.896	4.552
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.710	3.030	3.225	3.410	3.500	3.500	3.592	3.680	3.710	3.710	3.710	3.710	3.710
REGIONAL SKEW	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
SKEW USED	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
KURTOSIS	13.446	16.068	18.101	14.913	13.412	13.335	12.617	13.037	10.800	9.449	8.159	6.850	4.243
N	70	70	70	70	70	70	70	70	70	70	70	70	70
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	5.720	8.500	9.000	9.000	9.000	9.000	9.000	10.110	10.110	10.270	10.270	11.630	13.050
NORMALIZED MAX	4.425	5.084	5.478	5.285	5.174	5.168	5.173	5.105	4.828	4.594	4.215	4.111	3.284
CALC. COEF. VAR	.785	.893	.923	.918	.905	.895	.872	.857	.844	.838	.796	.733	.572
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.2808	.3369	.3591	.3728	.3825	.3866	.3946	.4073	.4377	.4653	.5181	.6362	1.0000
RP10/A	.5211	.6557	.7086	.7375	.7613	.7693	.7820	.7991	.8548	.8970	.9704	1.1766	1.6755
RP25/A	.8715	.9675	1.0341	1.0731	1.1006	1.1164	1.1335	1.1515	1.1679	1.1879	1.2360	1.4583	2.0453
RP50/A	.7834	1.0260	1.1022	1.1483	1.1870	1.2004	1.2321	1.2544	1.3100	1.3682	1.4335	1.7481	2.3079
RP100/A	.8934	1.1835	1.2684	1.3218	1.3681	1.3825	1.4234	1.4479	1.5009	1.5658	1.6249	1.9860	2.5618
RP1000/A	1.2519	1.7018	1.8128	1.8901	1.9583	1.9789	2.0536	2.0850	2.1232	2.2098	2.2420	2.7573	3.3648
RP10000/A	1.5040	2.2157	2.3502	2.4510	2.5468	2.5676	2.6779	2.7167	2.7343	2.8423	2.8413	3.5109	4.1295
PMP/A	2.9930	3.9657	4.3187	4.5055	4.6747	4.7238	4.8047	4.8678	5.1450	5.3374	5.5931	6.7156	8.5900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB W03 5066 2	STATION NAME LONE PINE	ELEV 459	SEC 3661	TWP 18	RNB 135	LOT 35E	BWM J	LATITUDE 36.600	LONGITUDE 118.061	COUNTY CODE 14			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.92	1.05	1.14	1.16	1.18	1.22	1.23	1.28	1.39	1.46	1.62	2.02	3.43
5	1.58	1.92	2.11	2.16	2.20	2.28	2.30	2.38	2.53	2.61	2.77	3.43	5.19
10	2.04	2.56	2.80	2.87	2.94	3.04	3.07	3.17	3.33	3.42	3.55	4.41	6.33
20	2.49	3.19	3.48	3.56	3.68	3.78	3.84	3.96	4.11	4.20	4.29	5.34	7.39
25	2.63	3.39	3.69	3.78	3.88	4.02	4.08	4.21	4.35	4.45	4.53	5.64	7.71
40	2.92	3.81	4.14	4.24	4.36	4.51	4.60	4.73	4.88	4.97	5.01	6.26	8.67
50	3.06	4.01	4.36	4.46	4.58	4.74	4.84	4.98	5.11	5.22	5.24	6.55	8.76
100	3.49	4.62	5.01	5.14	5.28	5.46	5.59	5.75	5.85	5.97	5.94	7.44	9.66
200	3.92	5.24	5.67	5.81	5.97	6.18	6.34	6.51	6.59	6.72	6.63	8.32	10.59
1000	4.90	6.65	7.17	7.35	7.56	7.82	8.07	8.28	8.27	8.43	8.19	10.33	12.65
10000	6.27	8.66	9.29	9.53	9.81	10.15	10.52	10.79	10.66	10.84	10.39	13.15	15.58
PMP	11.70	15.49	17.07	17.51	18.04	18.67	18.88	19.33	20.05	20.35	20.44	25.15	32.40
MEAN	1.098	1.316	1.420	1.449	1.476	1.528	1.551	1.617	1.706	1.774	1.894	2.382	3.772
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.642	1.330	1.403	1.275	1.159	1.068	1.036	1.040	1.080	1.080	1.049	1.424	.847
REGIONAL SKEW	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.800	1.800	1.800
SKEW USED	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
KURTOSIS	6.394	4.486	5.108	4.632	4.207	5.195	5.980	6.727	5.645	6.069	5.721	5.548	4.236
N	36	36	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1946	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.910	3.390	4.310	4.310	5.080	5.000	5.000	5.830	5.860	5.460	5.460	7.310	9.200
NORMALIZED MAX	2.782	2.490	3.057	3.037	3.451	3.222	3.320	3.142	2.981	3.191	3.127	3.305	3.027
CALC. COEF. VAR	.393	.640	.666	.650	.692	.705	.670	.711	.693	.686	.636	.626	.476
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.2911	.3490	.3765	.3842	.3914	.4051	.4111	.4288	.4523	.4705	.5021	.6317	1.0000
RP10/A	.5402	.6792	.7427	.7760	.7770	.8062	.8147	.8412	.8832	.9069	.9404	1.1682	1.0785
RP25/A	.6966	.8987	.9793	1.0027	1.0293	1.0653	1.0829	1.1153	1.1537	1.1807	1.1996	1.4952	1.9700
RP50/A	.8122	1.0628	1.1553	1.1833	1.2155	1.2580	1.2835	1.3204	1.3537	1.3833	1.3893	1.7355	2.3079
RP100/A	.9262	1.2280	1.3295	1.3620	1.3999	1.4488	1.4829	1.5241	1.5510	1.5831	1.5748	1.9718	2.5818
RP1000/A	1.2979	1.7620	1.9002	1.9476	2.0037	2.0738	2.1391	2.1946	2.2440	2.2842	2.1788	2.7376	3.3688
RP10000/A	1.6630	2.2952	2.4635	2.5256	2.5908	2.6707	2.7897	2.8597	2.8254	2.8737	2.7537	3.4857	4.1295
PMP/A	3.1030	4.1080	4.5270	4.6427	4.7831	4.9603	5.0052	5.1239	5.3165	5.3963	5.4266	6.6674	8.5900

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB W03 5088 10	STATION NAME LONG VALLEY RES	ELEV 460	SEC 6800	TWP 37	RNG LOT 579	BWM 118	LATITUDE 71°4	LONGITUDE 26	COUNTY CODE				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.83	2.19	2.39	2.50	2.54	2.61	2.70	2.81	3.15	3.46	4.05	5.15	9.07
5	3.14	4.01	4.43	4.64	4.74	4.88	5.06	5.21	5.71	6.19	6.93	8.74	13.74
10	4.07	5.34	5.88	6.17	6.32	6.50	6.78	6.95	7.52	8.11	8.89	11.23	16.75
20	4.96	6.64	7.30	7.67	7.86	8.09	8.47	8.67	9.27	9.97	10.76	13.62	19.54
25	5.24	7.06	7.76	8.14	8.35	8.59	9.01	9.22	9.82	10.55	11.34	14.38	20.41
40	5.63	7.94	8.70	9.14	9.37	9.61	10.14	10.37	10.98	11.79	12.56	15.95	20.63
50	6.11	8.35	9.15	9.61	9.86	10.15	10.68	10.91	11.52	12.37	13.13	16.69	23.03
100	6.97	9.63	10.53	11.05	11.35	11.69	12.34	12.59	13.20	14.16	14.89	18.96	25.56
200	7.82	10.91	11.90	12.50	12.84	13.21	13.99	14.27	14.87	15.93	16.61	21.20	28.03
1000	9.77	13.85	15.05	15.81	16.25	16.73	17.80	18.13	18.68	19.99	20.54	24.32	31.57
10000	12.51	18.03	19.51	20.51	21.09	21.70	23.21	23.63	24.05	25.71	26.03	33.51	41.20
PMP	23.35	32.28	35.85	37.69	38.80	39.93	41.64	42.34	45.26	48.27	51.24	64.11	85.71

MEAN	2.190	2.742	2.981	3.119	3.175	3.268	3.420	3.543	3.850	4.209	4.747	6.073	9.978
CLOCK HR. COR.	1.148	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.221	1.221	1.221	1.221	1.221	1.221	1.199	1.199	1.199	1.199	1.199	1.199	1.199
REGIONAL SKEW	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
SKEW USED	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
KURTOSIS	2.860	3.965	4.267	3.659	3.497	3.305	3.442	3.368	3.595	3.574	3.308	5.268	5.676
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1945	1956	1956	1956	1956	1956	1969	1956	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.400	7.180	8.540	8.770	8.830	9.010	9.170	9.230	10.120	11.160	11.430	17.470	25.200
NORMALIZED MAX	1.852	2.415	2.622	2.528	2.510	2.484	2.337	2.294	2.462	2.642	2.526	3.164	3.237
CALC. COEF. VAR	.545	.667	.711	.715	.710	.708	.719	.699	.656	.625	.574	.593	.471
REGR. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.2195	.2748	.2988	.3126	.3182	.3275	.3428	.3551	.3859	.4216	.4757	.6087	1.0000
RP10/A	.4074	.5348	.5881	.6172	.6324	.6507	.6781	.6954	.7521	.8111	.8891	1.1231	1.6751
RP20/A	.5241	.7061	.7761	.8141	.8351	.8591	.9011	.9221	.9821	1.0551	1.1341	1.4381	20.411
RP50/A	.6111	.8351	.9151	.9611	.9861	1.0151	1.0681	1.0911	1.1521	1.2371	1.3131	16.691	23.031
RP100/A	.6971	.9631	1.0531	1.1051	1.1351	1.1691	1.2341	1.2591	1.3201	1.4161	1.4891	18.961	25.561
RP1000/A	.7821	10.911	11.901	12.501	12.841	13.211	13.991	14.271	14.871	15.931	16.611	21.201	28.031
RP10000/A	9.771	13.851	15.051	15.811	16.251	16.731	17.801	18.131	18.681	19.991	20.541	24.321	31.571
PMP/A	23.351	32.281	35.851	37.691	38.801	39.931	41.641	42.341	45.261	48.271	51.241	64.111	85.711

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB W03 5284 1	STATION NAME MAMMOTH	ELEV 461	SEC 8930	TWP 37	RNG LOT 579	BWM 118	LATITUDE 39.599	LONGITUDE 118.999	COUNTY CODE 26				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.24	2.97	3.28	3.48	3.59	3.85	4.21	4.63	5.28	5.84	6.47	11.63	26.36
5	3.64	5.44	6.06	6.45	6.70	7.20	7.88	8.56	9.58	10.45	11.46	19.77	39.93
10	4.97	7.25	8.05	8.58	8.93	9.59	10.55	11.43	12.60	13.69	14.60	25.40	48.67
20	6.06	9.02	9.99	10.66	11.10	11.93	13.19	14.25	15.53	16.83	18.00	30.80	56.78
25	6.41	9.59	10.61	11.32	11.80	12.67	14.03	15.15	16.46	17.83	19.23	32.51	59.30
40	7.13	10.70	11.91	12.71	13.25	14.23	15.79	17.05	18.40	19.91	21.62	36.05	60.54
50	7.47	11.34	12.52	13.36	13.93	14.96	16.63	17.94	19.31	20.89	22.48	37.73	66.92
100	8.52	13.08	14.41	15.38	16.04	17.23	19.21	20.71	22.12	23.90	25.47	47.74	74.28
200	9.56	14.81	16.20	17.39	18.04	19.49	21.78	23.46	24.91	26.89	28.75	49.47	81.45
1000	11.94	18.61	20.59	22.00	22.96	24.67	27.71	29.82	31.30	33.73	36.97	59.52	97.56
10000	15.30	24.49	26.89	28.52	29.79	32.01	36.14	38.86	40.31	43.39	46.45	75.78	119.74
PMP	26.55	43.83	49.05	62.43	54.81	58.89	64.85	69.42	75.84	81.48	107.20	144.96	249.07
MEAN	2.678	3.724	4.079	4.339	4.486	4.819	5.326	5.826	6.452	7.104	9.931	13.734	28.995
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.002	2.563	2.848	2.803	2.335	2.445	2.497	2.343	2.277	1.963	1.339	1.248	.687
REGIONAL SKEW	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
SKEW USED	1.600	1.600	1.700	1.700	1.700	1.700	1.800	1.800	1.800	1.800	1.800	1.800	1.800
KURTOSIS	7.110	10.935	10.321	10.425	9.360	9.750	10.525	9.311	8.926	7.871	4.613	4.610	2.597
N	19	17	17	17	16	16	16	16	16	16	16	16	16
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
RECORD MAXIMUM	6.600	11.600	13.100	14.100	14.400	15.350	16.500	16.500	17.200	17.200	21.200	27.800	44.300
NORMALIZED MAX	2.392	3.028	3.110	3.206	3.084	3.117	3.233	3.111	3.081	2.981	2.484	2.599	2.147
CALC. COEF. VAR	.612	.699	.711	.702	.717	.701	.649	.669	.541	.477	.394	.324	.194
REGR. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
MEAN/A	.0924	.1284	.1407	.1496	.1547	.1662	.1837	.2009	.2225	.2450	.3425	.4737	1.0000
RP10/A	.1714	.2499	.2776	.2960	.3079	.3308	.3640	.3942	.4345	.4723	.6414	.8759	1.6785
RP20/A	.2210	.3307	.3660	.3900	.4008	.4370	.4839	.5227	.5676	.6149	.8183	1.1211	2.0453
RP50/A	.2577	.3911	.4317	.4609	.4804	.5161	.5735	.6168	.6660	.7203	.9476	1.3013	2.3079
RP100/A	.2939	.4511	.4960	.5305	.5543	.5944	.6626	.7142	.7630	.8244	1.0741	1.4785	2.5818
RP1000/A	.4118	.6488	.7101	.7588	.7920	.8508	.9738	1.0285	1.0794	1.1635	1.4820	2.0527	3.6166
RP10000/A	.5276	.8445	.9206	.9837	1.0275	1.1039	1.2465	1.3401	1.3901	1.4965	1.8782	2.6136	4.1295
PMP/A	.9845	1.5115	1.6917	1.8083	1.8905	2.0309	2.2365	2.4012	2.6196	2.8101	3.6971	4.9994	8.5900

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W03 6254 0	STATION NAME NORTH MAIWEE RES	ELEV 464	SEC 3768	TWP 04	RNG 205	LOT 37E	BWM M	LATITUDE 36.228	LONGITUDE 117.969	COUNTY CODE 26			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.27	1.39	1.50	1.53	1.55	1.60	1.62	1.72	1.88	1.97	2.21	2.92	4.65
5	2.18	2.55	2.77	2.83	2.89	2.99	3.04	3.19	3.42	3.53	3.79	4.96	7.35
10	2.82	3.40	3.68	3.76	3.83	3.99	4.07	4.25	4.50	4.63	4.86	6.36	8.96
20	3.44	4.23	4.57	4.67	4.79	4.96	5.08	5.30	5.53	5.69	5.88	7.72	10.46
25	3.63	4.50	4.86	4.96	5.09	5.27	5.41	5.64	5.88	6.02	6.20	8.15	10.92
40	4.05	5.06	5.45	5.57	5.71	5.92	6.07	6.34	6.57	6.73	6.96	9.14	12.32
50	4.24	5.32	5.73	5.84	6.01	6.22	6.41	6.68	6.90	7.06	7.17	9.46	12.32
100	4.83	6.14	6.59	6.74	6.92	7.17	7.40	7.71	7.90	8.08	8.13	10.74	13.68
200	5.42	6.95	7.45	7.62	7.83	8.10	8.39	8.73	8.90	9.08	9.07	12.01	15.00
1000	6.77	8.53	9.42	9.64	9.91	10.26	10.68	11.10	11.16	11.40	11.22	14.91	17.97
10000	8.66	11.49	12.22	12.50	12.85	13.31	13.93	14.46	14.39	14.65	14.22	18.99	22.05
PMP	16.19	20.57	22.45	22.99	23.65	24.48	24.99	25.91	27.08	27.53	27.99	36.33	45.87

MEAN	1.519	1.748	1.867	1.902	1.935	2.004	2.052	2.168	2.304	2.400	2.593	3.442	5.340
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.065	2.063	1.718	1.633	1.794	1.702	1.804	1.690	1.412	1.447	1.155	1.318	1.667
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
KURTOSIS	8.513	8.426	6.353	7.180	7.000	6.271	6.597	6.042	4.902	5.112	4.097	5.039	4.467
N	40	39	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1969	1969	1969	1969
RECORD MAXIMUM	4.150	5.710	5.850	5.450	6.600	6.600	6.600	6.72	6.720	7.060	7.220	10.530	13.050
NORMALIZED MAX	2.917	3.497	3.208	3.548	3.787	3.700	3.171	3.111	2.920	3.010	2.933	3.386	2.847
CALC. COEF. VAR	.594	.646	.661	.674	.672	.681	.699	.675	.656	.645	.630	.617	.507
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506

MEAN/A	.2845	.3273	.3497	.3562	.3624	.3752	.3844	.4060	.4315	.4495	.4856	.6445	1.0000
RP10/A	.5280	.6370	.6899	.7047	.7213	.7468	.7616	.7966	.8427	.8664	.9095	1.1919	1.6785
RP25/A	.6808	.8428	.9096	.9312	.9588	.9861	1.0129	1.0591	1.1281	1.1603	1.2566	2.0053	
RP50/A	.7938	.9967	1.0731	1.0972	1.1255	1.1653	1.2000	1.2503	1.2915	1.3216	1.4346	1.7708	2.3079
RP100/A	.9052	1.1497	1.2349	1.2629	1.2962	1.3420	1.3864	1.4432	1.4797	1.5124	1.5230	2.0119	2.5618
RP1000/A	1.2685	1.6532	1.7650	1.8050	1.8553	1.9209	1.9909	2.0763	2.0932	2.1345	2.1013	2.7033	3.3648
RP10000/A	1.6253	2.1525	2.2862	2.3418	2.4072	2.4923	2.6082	2.6986	2.7458	2.6631	3.5569	4.1295	
PMP/A	3.0327	3.8524	4.2048	4.3049	4.4288	4.5854	4.6795	4.8521	5.0723	5.1555	5.2423	6.8031	8.5900

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W03 7510 0	STATION NAME ROCK CREEK		ELEV 463	SEC 9700	TWP 01	RNG 065	LOT 29E	BWM M	LATITUDE 37.450	LONGITUDE 118.733	COUNTY CODE 26		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650	
2	1.60	2.01	2.37	2.51	2.67	2.88	3.10	3.03	3.51	3.78	4.78	6.71	15.29
5	2.75	3.69	4.36	4.65	4.98	5.39	5.80	5.61	6.36	6.76	8.19	11.41	23.17
10	3.56	4.91	5.82	6.19	6.63	7.18	7.77	7.49	8.37	8.85	10.50	14.65	28.24
20	4.34	6.11	7.23	7.69	8.25	8.93	9.71	9.33	10.32	10.88	12.70	17.77	32.94
25	4.59	6.49	7.68	8.16	8.77	9.49	10.33	9.93	10.94	11.52	13.39	18.75	34.40
40	5.11	7.30	8.61	9.16	9.84	10.66	11.63	11.16	12.23	12.87	14.83	20.80	35.12
50	5.35	7.68	9.06	9.63	10.35	11.21	12.24	11.75	12.83	13.50	15.51	21.77	38.82
100	6.10	8.86	10.42	11.09	11.92	12.91	14.14	13.56	14.70	15.45	17.58	24.73	43.60
200	6.85	10.03	11.70	12.53	13.48	14.59	16.03	15.37	16.56	17.30	19.62	27.66	47.25
1000	8.55	12.73	14.90	15.86	17.06	18.47	20.40	19.53	20.80	21.80	24.26	34.34	56.99
10000	10.96	16.58	19.31	20.56	22.14	23.97	26.60	25.45	26.79	28.04	30.74	43.72	69.47
PMP	20.45	29.67	35.48	37.80	40.73	44.10	47.53	45.60	50.40	52.66	60.51	83.63	144.50

MEAN	1.918	2.521	2.951	3.128	3.333	3.608	3.920	3.816	4.288	4.591	5.605	7.923	16.822
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.896	1.481	1.080	0.962	0.921	0.909	0.909	0.898	0.898	0.898	0.898	0.898	0.898
REGIONAL SKEW	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
SKEW USED	1.600	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
KURTOSIS	6.761	4.784	4.351	4.215	3.313	3.051	2.982	4.403	3.426	3.492	3.175	4.219	4.159
N	23	23	23	23	22	21	21	19	19	20	22	23	24
RECORD YEAR	1951	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1969	1969
RECORD MAXIMUM	5.400	7.000	8.250	8.450	8.800	9.250	9.700	10.291	10.400	10.000	12.200	17.700	30.600
NORMALIZED MAX	2.505	2.484	2.544	2.501	2.303	2.263	2.262	2.369	2.226	2.145	2.221	2.601	2.732
CALC. COEF. VAR	.702	.715	.709	.706	.712	.691	.669	.646	.670	.610	.529	.474	.300
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.736	.717	.698	.653	.637	.506
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.736	.717	.698	.653	.637	.506

MEAN/A	.1140	.1499	.1754	.1859	.1982	.2145	.2331	.2268	.2549	.2729	.3332	.4710	1.0000
RP10/A	.2110	.2916	.3461	.3678	.3944	.4269	.4631	.4786	.5261	.5261	.6241	.8710	1.0000
RP25/A	.2729	.3839	.4363	.4633	.5211	.5641	.6139	.5900	.6502	.6850	.7962	1.1448	2.0453
RP50/A	.3182	.4564	.5383	.5727	.6154	.6662	.7276	.6985	.7629	.8024	.9220	1.2941	2.3079
RP100/A	.3628	.5264	.6195	.6592	.7087	.7672	.8407	.8063	.8741	.9183	1.0451	1.4702	2.5618
RP1000/A	.4944	.7870	.9485	.9927	1.0445	1.0962	1.2237	1.1811	1.3065	1.3242	1.4440	2.3079	
RP10000/A	.6514	.9656	1.1479	1.2224	1.3162	1.4248	1.5815	1.5129	1.5924	1.6570	1.8274	2.5900	4.1295
PMP/A	1.2156	1.7639	2.1094	2.2471	2.4210	2.6214	2.8735	2.7107	2.9964	3.1304	3.5972	4.9714	8.5900

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W03 9633 0	STATION NAME WHITE MTN 2		ELEV 152	SEC 12	TWP 47	RNG 045	LOT 34E	BM M	LATITUDE 37.983	LONGITUDE 118.233	COUNTY CODE 26		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.87	2.48	2.81	2.96	3.03	3.13	3.20	3.40	3.94	4.41	5.02	7.32	17.42
5	3.21	4.54	5.20	5.48	5.67	5.85	5.98	6.29	7.16	7.89	8.90	12.44	26.38
10	4.15	6.05	6.91	7.29	7.55	7.80	8.02	8.40	9.42	10.34	11.03	15.97	32.16
20	5.06	7.53	8.58	9.06	9.40	9.70	10.02	10.44	11.60	12.71	13.35	19.37	37.52
25	5.35	8.00	9.11	9.62	9.98	10.31	10.65	11.14	12.30	13.47	14.08	20.44	39.19
40	5.95	8.99	10.22	10.80	11.21	11.57	11.99	12.53	13.75	15.04	15.59	22.68	46.00
60	6.46	9.46	10.75	11.36	11.78	12.13	12.53	13.19	14.43	15.78	16.30	23.73	44.22
100	7.11	10.91	12.37	13.07	13.58	14.02	14.59	15.22	16.53	18.05	18.48	26.96	49.08
200	7.98	12.36	13.98	14.78	15.35	15.85	16.54	17.24	18.62	20.31	20.62	30.15	53.82
1000	9.97	15.49	17.60	18.69	19.43	20.06	20.85	21.92	23.39	25.48	25.50	37.43	64.47
10000	12.77	20.43	22.92	24.24	25.21	26.03	27.45	28.56	30.12	32.77	32.31	47.66	79.12
PMP	23.02	36.57	42.11	44.56	46.39	47.89	49.25	51.17	56.68	61.54	63.60	91.16	164.58

CLOCK HR.	MEAN	2.235	3.167	3.502	3.687	3.796	3.919	4.045	4.282	4.822	5.366	5.892	8.637	19.159
HR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED	SKED	4.088	4.187	4.096	4.014	3.912	3.875	3.823	3.731	3.620	3.501	3.422	2.982	2.409
REGIONAL	SKED	1.800	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100
SKED USED	1.800	1.800	1.700	1.700	1.700	1.700	1.800	1.800	1.600	1.600	1.400	1.500	1.100	1.100
KURTOSIS	20.160	20.724	20.127	19.667	19.070	18.869	18.596	18.151	17.592	16.960	16.361	13.600	11.199	
N	20	20	20	20	20	20	20	20	20	20	20	20	20	
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	
RECORD MAXIMUM	10.120	17.480	19.550	19.550	19.550	19.550	19.550	20.930	21.850	21.850	32.580	51.920		
NORMALIZED MAX	3.564	3.838	3.942	4.011	4.028	4.017	4.052	4.026	3.994	3.958	3.921	3.739	3.544	
CALC. COEF. VAR	1.907	1.205	1.162	1.102	1.030	.993	.946	.886	.837	.777	.691	.742	.482	
REGN. COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506	
USED COEF. VAR	.644	.718	.735	.739	.748	.748	.745	.730	.717	.698	.653	.637	.506	

MEAN/A	.1167	.1622	.1028	.1925	.1981	.2045	.2111	.2235	.2517	.2801	.3075	.4508	1.0000	
RP10/A	.12165	.3156	.3607	.3807	.3943	.4071	.4184	.4385	.4915	.5398	.5709	.8336	1.6785	
RP25/A	.12791	.4176	.4755	.5010	.5153	.5291	.5413	.5613	.6418	.7029	.7348	1.0670	2.0453	
RP50/A	.13255	.4939	.5610	.5928	.6153	.6352	.6592	.6882	.8324	.8509	.8709	1.2385	2.3079	
RP100/A	.13712	.5697	.6456	.6823	.7086	.7315	.7615	.7944	.8630	.9423	.9645	1.4071	2.5618	
RP1000/A	.15201	.8192	.9227	.9757	1.0143	1.0471	1.0985	1.1440	1.2208	1.3299	1.3307	1.9536	3.6648	
RP10000/A	.16866	1.0860	1.2652	1.3160	1.3506	1.3827	1.4306	1.4721	1.5721	1.7106	1.6865	2.4874	4.1295	
PMP/A	1.2435	1.9089	2.1981	2.3259	2.4212	2.4995	2.5705	2.6708	2.9582	3.2122	3.3198	4.7580	8.5900	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W05 2331 0	STATION NAME DEEP SPRINGS COLLEGE		ELEV 47	SEC 01	TWP 07S	RNG 36E	BM M	LATITUDE 37.367	LONGITUDE 117.963	COUNTY CODE 14			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.04	1.17	1.24	1.30	1.31	1.43	1.53	1.61	1.69	1.78	1.97	2.44	4.88
5	1.57	1.83	1.94	2.02	2.04	2.21	2.38	2.50	2.62	2.74	2.99	3.86	7.30
10	1.92	2.27	2.40	2.49	2.51	2.70	2.92	3.07	3.20	3.34	3.61	4.77	8.80
20	2.24	2.68	2.83	2.92	2.94	3.15	3.42	3.59	3.73	3.89	4.17	5.61	10.17
25	2.34	2.81	2.97	3.05	3.08	3.29	3.57	3.75	3.89	4.06	4.34	5.88	10.60
40	2.55	3.07	3.25	3.32	3.35	3.58	3.88	4.08	4.22	4.40	4.69	6.01	11.46
50	2.65	3.20	3.38	3.46	3.49	3.71	4.03	4.24	4.38	4.56	4.85	6.67	11.86
100	2.94	3.58	3.78	3.85	3.89	4.12	4.47	4.71	4.84	5.04	5.34	7.44	13.07
200	3.23	3.96	4.16	4.23	4.27	4.51	4.90	5.16	5.29	5.51	5.81	8.19	14.24
1000	3.69	4.81	5.04	5.09	5.14	5.39	5.86	6.17	6.30	6.55	6.85	9.87	16.85
10000	4.79	6.00	6.25	6.27	6.34	6.60	7.18	7.56	7.66	7.96	8.26	12.18	20.39
PMP	9.67	11.88	12.78	13.15	13.31	14.23	15.53	16.36	17.07	17.71	18.85	25.68	44.86

CLOCK HR.	MEAN	1.154	1.323	1.384	1.438	1.448	1.569	1.684	1.766	1.842	1.933	2.117	2.714	5.268
HR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED	SKED	1.935	.768	.714	.635	1.048	.822	.881	.771	.737	.626	.461	.849	
REGIONAL	SKED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	.900	.900	.800	1.100	.900	
SKED USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900	
KURTOSIS	3.857	3.670	3.235	4.310	4.260	3.468	3.249	2.961	2.843	2.671	2.501	3.373	2.503	
N	26	26	26	26	26	26	26	26	26	26	26	26	26	
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1969	1969	1969	
RECORD MAXIMUM	2.510	3.020	3.020	3.610	3.670	3.670	3.670	3.680	3.690	3.680	4.200	6.640	10.360	
NORMALIZED MAX	2.110	2.374	2.250	2.737	2.730	2.479	2.132	2.020	1.879	1.830	1.929	2.900	2.952	
CALC. COEF. VAR	.557	.540	.526	.552	.561	.540	.553	.534	.534	.527	.510	.579	.471	
REGN. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.554	.564	.501	
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.554	.564	.501	
MEAN/A	.2191	.2512	.2624	.2730	.2748	.2978	.3196	.3352	.3498	.3670	.4019	.8152	1.0000	
RP10/A	.2635	.4301	.4559	.4719	.4760	.5125	.5544	.5927	.6076	.6343	.6898	.9049	1.6708	
RP25/A	.4441	.5326	.5636	.5792	.5848	.6250	.6774	.7124	.7385	.7700	.8241	1.1155	2.0113	
RP50/A	.5021	.6074	.6413	.6562	.6627	.7050	.7649	.8047	.8309	.8658	.9215	1.2663	2.2516	
RP100/A	.5585	.6802	.7168	.7306	.7380	.7820	.8491	.8936	.9194	.9579	1.0143	1.4121	2.4816	
RP1000/A	.7360	.9133	.9761	.9658	.9761	1.0276	1.1133	1.1709	1.1950	1.2431	1.3009	3.1984	3.1984	
RP10000/A	.9102	1.1383	1.1872	1.1698	1.2029	1.2520	1.3030	1.4353	1.4533	1.5108	1.5673	2.3124	3.8702	
PMP/A	1.8357	2.2554	2.4255	2.4466	2.5256	2.7007	2.9470	3.1055	3.2394	3.3619	3.5790	4.8740	6.5150	

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB W04 2319 0	STATION NAME DEATH VALLEY	ELEV 37	SEC -194	TWP 16	RNG LOT 27N 01E J	BWM 5	LATITUDE 36.467	LONGITUDE 116.867	COUNTY CODE 14				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.53	.58	.58	.60	.62	.66	.70	.72	.77	.79	.86	.97	1.67
5	.79	.90	.91	.94	.97	1.02	1.09	1.13	1.20	1.22	1.31	1.53	2.49
10	.97	1.12	1.13	1.15	1.19	1.24	1.34	1.38	1.46	1.48	1.58	1.89	3.01
20	1.13	1.32	1.33	1.35	1.40	1.45	1.56	1.62	1.70	1.73	1.83	2.23	3.68
25	1.18	1.39	1.39	1.41	1.46	1.51	1.63	1.69	1.77	1.80	1.91	2.34	3.82
40	1.29	1.52	1.52	1.44	1.49	1.65	1.78	1.84	1.93	1.95	2.06	2.39	3.92
50	1.30	1.58	1.59	1.40	1.45	1.61	1.71	1.81	1.91	1.93	2.03	2.13	4.05
100	1.49	1.77	1.77	1.78	1.85	1.90	2.05	2.12	2.21	2.24	2.34	2.96	4.47
200	1.64	1.96	1.96	1.96	2.03	2.08	2.24	2.32	2.41	2.45	2.55	3.25	4.87
1000	1.97	2.38	2.37	2.36	2.44	2.48	2.68	2.78	2.87	2.91	3.01	3.92	5.76
10000	2.43	2.96	2.94	2.90	3.01	3.03	3.29	3.40	3.49	3.54	3.62	4.64	6.97
PMP	4.90	5.87	6.00	6.09	6.32	6.55	7.10	7.36	7.78	7.87	8.27	10.20	15.33
MEAN	.584	.654	.650	.666	.688	.722	.770	.795	.840	.889	.929	1.079	1.800
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.246	.312	.340	.380	.412	.412	1.194	1.003	.751	.636	.736	.922	.225
REGIONAL SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900	
KURTOSIS	2.377	3.180	3.321	3.224	3.272	3.283	6.154	4.958	3.952	3.525	4.104	4.576	3.183
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1954	1968	1968	1968	1974	1969	1969	1969	1969	1969	1969	1969	1973
RECORD MAXIMUM	.900	1.140	1.140	1.140	1.170	1.340	1.860	1.860	1.870	1.870	2.120	2.420	3.530
NORMALIZED MAX	1.417	1.947	2.020	1.985	1.928	2.193	3.125	2.694	2.682	2.565	2.758	2.856	2.213
CALC. COEF. VAR	.381	.382	.374	.359	.364	.391	.453	.463	.457	.459	.465	.514	.424
REGION. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
MEAN/A	.3245	.3630	.3608	.3699	.3819	.4009	.4279	.4413	.4666	.4770	.5161	.5992	1.0000
RP10/A	.5385	.5216	.6263	.6392	.6616	.6899	.7422	.7673	.8108	.8244	.8796	1.0523	1.6708
RP25/A	.6578	.7702	.7743	.7648	.8127	.8414	.9069	.9361	.9855	1.0007	1.0592	1.2972	2.0113
RP50/A	.7436	.8760	.8810	.8891	.9210	.9401	1.0240	1.0595	1.1088	1.1252	1.1832	1.4726	2.2516
RP100/A	.8273	.9832	.9846	.9899	1.0256	1.0527	1.1367	1.1763	1.2268	1.2443	1.3024	1.6422	2.4816
RP1000/A	1.0932	1.3201	1.3145	1.3066	1.3565	1.3761	1.4904	1.5432	1.5946	1.6156	1.6705	2.1785	3.1984
RP10000/A	1.3483	1.6454	1.6309	1.6122	1.6717	1.6856	1.8248	1.8899	1.9393	1.9639	2.0123	2.6892	3.8702
PMP/A	2.7194	3.2599	3.3919	3.3819	3.5100	3.6359	3.9453	4.0890	4.3227	4.3691	4.5885	5.6881	8.5150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB W21 9035 0	STATION NAME TRONA	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
		140	169S		29S	43E	M	35.783	117.383	36			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.93	1.09	1.16	1.24	1.25	1.31	1.33	1.38	1.50	1.56	1.77	2.19	3.62
5	1.40	1.70	1.82	1.93	1.96	2.02	2.07	2.16	2.32	2.40	2.69	3.46	5.42
10	1.71	2.10	2.26	2.37	2.41	2.47	2.54	2.64	2.83	2.92	3.25	4.27	6.54
20	2.00	2.49	2.66	2.78	2.83	2.88	2.97	3.09	3.30	3.40	3.75	5.03	7.56
25	2.09	2.61	2.79	2.91	2.96	3.01	3.10	3.23	3.45	3.55	3.91	5.27	7.67
40	2.28	2.85	3.05	3.17	3.22	3.27	3.38	3.52	3.74	3.85	4.22	5.58	8.52
50	2.36	2.97	3.17	3.30	3.35	3.40	3.50	3.65	3.88	3.99	4.37	5.98	8.82
100	2.63	3.33	3.55	3.67	3.73	3.77	3.89	4.05	4.29	4.41	4.81	6.67	9.72
200	2.89	3.67	3.91	4.04	4.10	4.13	4.26	4.44	4.69	4.82	5.23	7.34	10.50
1000	3.48	4.46	4.73	4.85	4.94	4.98	5.10	5.32	5.57	5.73	6.17	8.68	12.52
10000	4.29	5.57	5.87	5.98	6.09	6.03	6.24	6.51	6.78	6.96	7.43	10.92	15.15
PMP	6.64	11.03	12.00	12.55	12.78	13.01	13.50	14.09	15.11	15.50	16.98	23.02	33.34
MEAN	1.032	1.228	1.299	1.372	1.390	1.436	1.464	1.521	1.631	1.692	1.905	2.434	3.915
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.555	.702	.762	.842	.893	.945	.984	.994	.994	.994	.904	1.004	1.004
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	3.475	3.183	2.748	2.638	2.574	2.528	2.360	2.336	2.571	2.619	3.153	3.187	6.239
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1969	1993	1943	1943	1943	1943	1943	1943	1938	1938	1938	1941	1941
RECORD MAXIMUM	1.990	2.620	2.760	2.760	2.760	2.760	2.760	2.790	3.450	3.600	4.270	5.630	11.470
NORMALIZED MAX	2.073	2.453	2.266	2.076	2.130	2.001	1.952	1.766	2.304	2.392	2.564	2.653	3.503
CALC. COEF. VAR	.448	.462	.476	.487	.473	.472	.464	.473	.484	.472	.468	.495	.539
REGION. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
MEAN/A	.2635	.3136	.3319	.3504	.3551	.3664	.3740	.3864	.4166	.4321	.4865	.6216	1.0000
RP10/A	.4373	.5370	.5778	.6186	.6358	.6588	.6753	.6948	.7448	.7648	.8291	1.0330	1.6708
RP25/A	.5341	.6654	.7122	.7435	.7587	.7691	.7928	.8266	.8800	.9066	.9975	1.3450	2.0113
RP50/A	.6039	.7585	.8104	.8423	.8564	.8676	.8951	.9324	.9901	1.0193	1.1154	1.5277	2.2516
RP100/A	.6718	.8494	.9057	.9378	.9537	.9623	.9936	1.0353	1.0955	1.1273	1.2777	1.7037	2.4816
RP1000/A	.8877	1.1404	1.2051	1.2373	1.2594	1.2597	1.3028	1.3581	1.4239	1.4536	1.5747	2.2600	3.1984
RP10000/A	1.0948	1.4215	1.5002	1.5273	1.5544	1.5408	1.5951	1.6633	1.7318	1.7708	1.8960	2.7898	3.8702
PMP/A	2.2080	2.8194	3.0640	3.2048	3.2638	3.3236	3.4487	3.5986	3.8600	3.9582	4.3322	5.8801	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
W24 3710 11	HAILEE RESERVOIR	457	3825	09 265	40E	M		36.683	117.683	14			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.31	1.54	1.62	1.68	1.72	1.79	1.89	2.02	2.17	2.23	2.45	3.14	5.18
5	1.98	2.40	2.55	2.62	2.68	2.77	2.94	3.15	3.37	3.43	3.71	4.96	7.75
10	2.41	2.97	3.15	3.23	3.30	3.38	3.61	3.86	4.11	4.18	4.49	6.13	9.34
20	2.92	3.52	3.72	3.79	3.87	3.95	4.22	4.52	4.79	4.87	5.18	7.22	10.80
25	2.94	3.69	3.90	3.96	4.05	4.13	4.41	4.72	5.00	5.08	5.40	7.56	11.25
40	3.21	4.04	4.26	4.30	4.44	4.49	4.79	5.14	5.42	5.51	5.83	7.72	12.16
50	3.33	4.20	4.43	4.49	4.59	4.65	4.97	5.33	5.62	5.71	6.03	8.58	12.59
100	3.70	4.71	4.95	5.00	5.11	5.16	5.52	5.92	6.22	6.31	6.64	9.57	13.88
200	4.07	5.20	5.46	5.49	5.62	5.66	6.05	6.49	6.80	6.90	7.23	10.53	15.12
1000	4.89	6.32	6.61	6.60	6.76	6.76	7.24	7.77	8.08	8.20	8.52	12.69	17.88
10000	6.03	7.87	8.21	8.14	8.33	8.27	8.86	9.51	9.83	9.96	10.26	15.67	21.84
PMP	12.17	15.60	16.77	17.07	17.48	17.83	19.16	20.58	21.92	22.17	23.44	33.02	47.61
MEAN													
MEAN	1.452	1.737	1.815	1.867	1.902	1.966	2.079	2.221	2.365	2.420	2.632	3.490	5.592
CLOCK HR. COR.													
CLOCK HR. COR.	1.140	1.078	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW													
CALCULATED SKEW	2.156	1.453	1.562	1.341	1.490	1.271	1.119	.984	.831	.857	.754	.719	.848
REGIONAL SKEW													
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
USED													
USED	1.200	1.300	1.200	1.180	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS													
KURTOSIS	10.084	5.673	6.294	5.580	6.441	5.881	4.915	3.792	3.164	3.277	3.370	2.858	3.493
N													
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR													
RECORD YEAR	1946	1946	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM													
RECORD MAXIMUM	3.728	4.098	4.920	4.920	5.360	5.360	5.360	5.380	5.380	5.590	5.940	7.590	13.290
NORMALIZED MAX													
NORMALIZED MAX	3.376	2.632	3.301	3.199	3.519	3.426	3.078	2.690	2.363	2.481	2.564	2.323	2.889
CALC. COEF. VAR													
CALC. COEF. VAR	.463	.478	.518	.511	.514	.504	.513	.529	.539	.528	.506	.476	.506
REGIONAL COEF. VAR													
REGIONAL COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
USED COEF. VAR													
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
MEAN/A													
MEAN/A	.2597	.3107	.3247	.3339	.3402	.3516	.3717	.3972	.4230	.4328	.4706	.6242	1.0800
RP10/A													
RP10/A	.4309	.5320	.5636	.5770	.5893	.6051	.6448	.6905	.7351	.7481	.8021	1.0962	1.6768
RP25/A													
RP25/A	.5264	.6592	.6968	.7083	.7246	.7379	.7878	.8442	.8935	.9081	.9650	1.3514	2.0113
RP50/A													
RP50/A	.5952	.7515	.7928	.8024	.8204	.8324	.8895	.9535	1.0053	1.0210	1.0781	1.5341	2.2516
RP100/A													
RP100/A	.6820	.8814	.8860	.8934	.9136	.9232	.9874	1.0587	1.1123	1.1292	1.1877	1.7108	2.4816
RP1000/A													
RP1000/A	.8748	1.1298	1.1829	1.1811	1.2084	1.2086	1.2947	1.3888	1.4458	1.4660	1.5234	2.2694	3.1984
RP10000/A													
RP10000/A	1.0789	1.4082	1.4676	1.4551	1.4892	1.4782	1.5851	1.7009	1.7583	1.7818	1.8351	2.8015	3.8702
PMP/A													
PMP/A	2.1760	2.7900	2.9983	3.0532	3.1268	3.1886	3.4272	3.6800	3.9192	3.9647	4.1911	5.9488	8.5150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
W24 4278 0	INYO KERN	2440	30	265	39E		M	35.650	117.817	19			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.777	.85	.90	.93	.94	.96	1.03	1.09	1.15	1.18	1.37	1.74	2.90
5	1.15	1.33	1.41	1.44	1.47	1.51	1.60	1.70	1.79	1.81	2.07	2.76	4.34
10	1.40	1.64	1.77	1.78	1.81	1.84	1.96	2.08	2.18	2.21	2.50	3.41	5.24
20	1.64	1.94	2.06	2.08	2.12	2.15	2.29	2.44	2.54	2.57	2.69	4.01	6.05
25	1.72	2.03	2.16	2.18	2.22	2.25	2.39	2.55	2.65	2.68	3.01	4.20	6.31
40	1.87	2.23	2.36	2.32	2.27	2.45	2.60	2.77	2.87	2.91	3.26	4.29	6.82
50	1.94	2.32	2.46	2.46	2.51	2.54	2.70	2.88	2.98	3.02	3.37	4.77	7.06
100	2.16	2.60	2.75	2.74	2.80	2.81	3.00	3.19	3.30	3.34	3.71	5.32	7.78
200	2.37	2.87	3.03	3.02	3.08	3.08	3.29	3.50	3.60	3.65	4.03	5.85	8.48
1000	2.85	3.49	3.67	3.63	3.70	3.68	3.93	4.19	4.29	4.33	4.76	7.06	10.03
10000	3.52	4.34	4.55	4.47	4.56	4.51	4.81	5.13	5.21	5.27	5.73	8.71	12.13
PMP	7.09	8.61	9.30	9.38	9.58	9.72	10.41	11.10	11.62	11.72	13.09	18.36	26.70
MEAN													
MEAN	.866	.998	1.007	1.025	1.042	1.072	1.129	1.199	1.254	1.260	1.470	1.940	3.135
CLOCK HR. COR.													
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW													
CALCULATED SKEW	.270	.177	.255	.488	1.070	.336	.291	.287	.357	.368	.345	.529	.820
REGIONAL SKEW													
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
USED													
USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS													
KURTOSIS	3.103	2.833	2.827	3.212	2.900	2.876	2.365	2.354	2.346	2.356	2.139	3.079	2.327
N													
N	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD YEAR													
RECORD YEAR	1966	1966	1968	1968	1968	1968	1968	1966	1966	1966	1964	1966	1952
RECORD MAXIMUM													
RECORD MAXIMUM	1.350	1.620	1.760	2.090	2.090	2.130	2.130	2.390	2.470	2.470	2.950	4.400	5.790
NORMALIZED MAX													
NORMALIZED MAX	1.472	1.659	1.685	1.679	1.712	1.712	1.762	1.8126	1.784	1.784	1.733	2.240	1.6226
CALC. COEF. VAR													
CALC. COEF. VAR	.398	.416	.443	.476	.479	.472	.501	.522	.544	.535	.581	.566	.920
REGIONAL COEF. VAR													
REGIONAL COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
USED COEF. VAR													
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
MEAN/A													
MEAN/A	.2699	.3657	.3213	.3270	.3324	.3418	.3601	.3823	.3999	.4081	.4687	.6189	1.0000
RP10/A													
RP10/A	.4480	.5235	.5577	.5652	.5758	.5862	.6246	.6646	.6949	.7056	.7950	1.0400	1.6768
RP25/A													
RP25/A	.5472	.6485	.6895	.6979	.7074	.7172	.7632	.8126	.8447	.8552	.9610	1.3400	2.0113
RP50/A													
RP50/A	.6187	.7393	.7845	.7861	.8016	.8092	.8618	.9178	.9504	.9627	1.0746	1.5212	2.2516
RP100/A													
RP100/A	.6882	.8279	.8766	.8752	.8926	.8976	.9566	1.0199	1.0516	1.0647	1.1828	1.6964	2.4816
RP1000/A													
RP1000/A	.9094	1.1116	1.1706	1.1570	1.1607	1.1750	1.2543	1.3367	1.3687	1.3823	1.5171	2.2379	3.1984
RP10000/A													
RP10000/A	1.1216	1.3885	1.4524	1.4453	1.4550	1.4371	1.5367	1.6371	1.6823	1.6860	1.8276	2.7779	3.8702
PMP/A													
PMP/A	2.2621	2.7451	2.9671	2.9908	3.0550	3.0999	3.3203	3.5410	3.7052	3.7383	4.1730	5.8550	8.5150

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE
W24 4280 0	INYOKERN ARM	74	2218					35.000	117.000	15	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	3650
2	.86	.94	.96	1.01	1.02	1.05	1.06	1.12	1.21	1.24	1.41
5	1.29	1.47	1.51	1.57	1.60	1.63	1.65	1.75	1.87	1.91	2.13
10	1.57	1.82	1.87	1.93	1.97	1.99	2.03	2.15	2.28	2.32	2.58
20	1.84	2.15	2.21	2.27	2.31	2.32	2.37	2.51	2.66	2.70	2.98
25	1.92	2.25	2.31	2.37	2.41	2.42	2.47	2.61	2.77	2.82	3.10
40	2.09	2.47	2.53	2.63	2.67	2.64	2.70	2.86	3.01	3.06	3.35
50	2.17	2.57	2.63	2.69	2.74	2.74	2.80	2.96	3.12	3.17	3.47
100	2.42	2.68	2.74	2.80	3.03	3.04	3.10	3.29	3.45	3.51	3.82
200	2.65	3.18	2.99	3.35	3.35	3.48	3.77	3.81	3.83	4.15	5.90
1000	3.10	3.66	3.93	3.96	4.03	3.98	4.07	4.32	4.49	4.55	4.90
10000	3.94	4.61	4.87	4.68	4.97	4.86	4.98	5.29	5.45	5.93	8.77
PMF	7.94	9.54	9.96	10.24	10.43	10.49	10.78	11.44	12.16	12.31	13.47
MEAN	.946	1.062	1.078	1.119	1.135	1.157	1.169	1.234	1.312	1.344	1.512
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	1.100
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	1.100
KURTOSIS	9.591	4.662	3.895	3.454	4.180	4.034	3.770	3.339	3.517	3.348	2.413
N	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1966	1966	1966	1966	1974	1974	1974	1974	1974	1974	1966
RECORD MAXIMUM	2.396	2.191	2.942	2.902	2.423	2.406	2.879	2.850	2.631	2.437	1.527
NORMALIZED MAX	2.976	2.612	2.520	2.297	2.895	2.561	2.340	2.265	2.341	2.282	1.931
CALC. COEF. VAR	.512	.479	.483	.494	.517	.507	.502	.510	.491	.491	.584
REGION. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527
MEAN/A	.3125	.3503	.3553	.3491	.3745	.3815	.3855	.4076	.4328	.4433	.4646
RP1/A	.8166	.8998	.8171	.8379	.8486	.8566	.8686	.8707	.7520	.7662	.8908
RP25/A	.6334	.7432	.7629	.7831	.7968	.8008	.8170	.8651	.9141	.9301	1.0226
RP50/A	.7162	.8472	.8681	.8872	.9029	.9033	.9224	.9771	1.0285	1.0435	1.5843
RP100/A	.7967	.9487	.9702	.9877	1.0055	1.0019	1.0239	1.0849	1.1380	1.1569	1.7667
RP1000/A	1.0527	1.2738	1.2752	1.3058	1.3308	1.3119	1.3426	1.4232	1.4792	1.5015	1.6143
RP10000/A	1.2983	1.5876	1.6070	1.6087	1.6390	1.6042	1.6438	1.7435	1.7969	1.8249	1.9446
PMF/A	2.6185	3.1456	3.2831	3.3755	3.4413	3.4602	3.5540	3.7711	4.0097	4.0007	4.4412

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE
W24 8379 25	SOUTH HAIWEE RES	457	3825					36.133	117.967	14	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	3650
2	1.46	1.68	1.82	1.89	1.92	1.98	2.06	2.18	2.42	2.51	2.80
5	2.20	2.62	2.66	2.94	3.00	3.06	3.21	3.40	3.75	3.88	4.24
10	2.68	3.25	3.54	3.62	3.69	3.74	3.93	4.17	4.58	4.73	5.12
20	3.13	3.64	4.17	4.29	4.33	4.37	4.60	4.86	5.33	5.50	5.92
25	3.28	4.02	4.37	4.44	4.53	4.56	4.80	5.10	5.56	5.74	6.16
40	3.57	4.41	4.70	4.84	4.63	4.66	5.23	5.55	6.04	6.22	6.66
50	3.70	4.59	4.97	5.03	5.14	5.14	5.42	5.76	6.26	6.45	6.89
100	4.12	5.14	5.56	5.60	5.72	5.70	6.02	6.39	6.92	7.13	7.58
200	4.53	5.60	6.13	6.16	6.29	6.25	6.60	7.01	7.57	7.79	8.25
1000	5.44	6.90	7.42	7.40	7.56	7.47	7.89	8.38	9.00	9.26	9.72
10000	6.71	8.60	9.21	9.12	9.32	9.13	9.66	10.27	10.95	11.26	11.72
PMF	13.54	17.03	19.62	19.14	19.37	19.10	20.48	22.22	24.48	25.85	28.76
MEAN	1.616	1.897	2.037	2.093	2.130	2.172	2.266	2.398	2.633	2.735	3.065
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.704	1.536	1.591	1.435	1.351	1.460	1.361	1.272	.936	.930	.759
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	1.100
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	1.100
KURTOSIS	6.675	5.279	5.607	5.078	5.897	5.498	4.876	4.227	3.856	3.092	2.901
N	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	4.020	4.580	6.000	6.000	6.500	6.500	6.510	6.680	6.680	6.990	10.610
NORMALIZED MAX	2.808	2.511	3.113	3.052	3.366	3.296	3.090	2.748	2.488	2.401	2.348
CALC. COEF. VAR	.514	.563	.625	.612	.600	.605	.685	.624	.618	.601	.585
REGION. COEF. VAR	.492	.532	.549	.543	.546	.536	.568	.551	.551	.544	.527
USED COEF. VAR	.492	.532	.549	.543	.546	.536	.568	.551	.551	.544	.527
MEAN/A	.2623	.3679	.3308	.3398	.3457	.3526	.3678	.3693	.4275	.4439	.4878
RP1/A	.4353	.5273	.5742	.5871	.5968	.6069	.6380	.6768	.7429	.7673	.9313
RP25/A	.5317	.6533	.7098	.7208	.7357	.7401	.7796	.8275	.9029	.9314	1.0001
RP50/A	.6012	.7446	.8076	.8163	.8336	.8340	.8662	.9366	1.0159	1.0672	1.1883
RP100/A	.6687	.8340	.9026	.9092	.9264	.9260	.9771	1.0377	1.1241	1.1544	1.2309
RP1000/A	.8037	1.1190	1.2051	1.2019	1.2279	1.2122	1.2612	1.3613	1.4611	1.5036	1.5788
RP10000/A	1.0086	1.3957	1.4952	1.4868	1.5132	1.4827	1.5688	1.6671	1.7669	1.8275	1.9019
PMF/A	2.1906	2.7653	3.0943	3.1070	3.1772	3.1982	3.3914	3.6069	3.9707	4.0664	4.3435

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W25 7253 0	STATION NAME RANDSBURG	ELEV 118	SEC 3522	TMP 35	RNO LOT 295 40E	BWM M	LATITUDE 35.367	LONGITUDE 117.650	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.19	1.43	1.51	1.56	1.61	1.66	1.71	1.81	1.99	2.08	2.40	3.10	5.05
5	1.80	2.22	2.38	2.43	2.51	2.60	2.66	2.82	3.09	3.21	3.64	4.89	7.55
10	2.19	2.75	2.94	2.99	3.09	3.17	3.26	3.46	3.77	3.91	4.40	6.05	9.11
20	2.56	3.26	3.47	3.51	3.63	3.71	3.81	4.05	4.39	4.55	5.08	7.13	10.53
25	2.60	3.41	3.64	3.68	3.80	3.87	3.96	4.23	4.58	4.75	5.29	7.46	10.97
50	2.91	3.74	3.98	4.03	4.15	4.21	4.30	4.60	5.15	5.35	5.72	7.62	11.86
100	3.03	3.89	4.14	4.18	4.31	4.37	4.50	4.78	5.15	5.34	5.92	8.47	12.20
100	3.37	4.36	4.62	4.64	4.80	4.84	4.99	5.30	5.70	5.90	6.52	9.44	13.53
200	3.70	4.81	5.10	5.10	5.27	5.31	5.47	5.81	6.23	6.45	7.09	10.39	14.74
1000	4.45	5.85	6.17	6.13	6.34	6.34	6.55	6.96	7.41	7.66	8.38	12.53	17.44
10000	5.49	7.29	7.66	7.55	7.82	7.76	8.02	8.52	9.01	9.32	10.17	15.46	21.10
PMP	11.06	14.44	15.64	15.84	16.42	16.73	17.33	18.43	20.08	20.73	22.99	32.59	46.43
MEAN	1.320	1.608	1.694	1.732	1.766	1.845	1.880	1.989	2.167	2.263	2.582	3.445	5.453
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.520	2.854	2.554	2.425	2.255	2.105	1.936	1.531	1.202	1.268	1.012	1.414	1.267
REGIONAL SKEW	1.500	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
KURTOSIS	5.829	14.414	12.691	12.014	10.870	10.161	8.851	6.669	4.566	4.170	3.446	4.593	4.269
N	35	35	35	35	35	35	35	35	35	35	35	35	35
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	2,950	5,850	5,720	5,720	5,720	5,770	5,770	5,770	5,800	5,800	5,800	5,800	13,830
NORMALIZED MAX	2.539	4.098	4.106	4.107	4.105	4.017	3.910	3.600	3.100	2.890	2.435	2.787	2.884
CALC. COEF. VAR	.406	.614	.579	.554	.538	.530	.529	.527	.541	.541	.512	.593	.533
REGN. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
MEAN/A	.2421	.2950	.3107	.3177	.3276	.3383	.3448	.3649	.3975	.4150	.4735	.6318	1.0000
RP10/A	.4618	.5051	.5393	.5490	.5674	.5822	.5981	.6343	.6908	.7173	.8070	1.1097	1.6708
RP25/A	.6258	.6867	.7174	.7271	.7474	.7617	.7758	.8120	.8786	.8707	.9709	1.3680	2.0113
RP50/A	.5550	.7134	.7586	.7636	.7899	.8009	.8251	.8759	.9447	.9790	1.0857	1.5529	2.2516
RP100/A	.6173	.7989	.8479	.8502	.8797	.8884	.9159	.9725	1.0452	1.0827	1.1950	1.7318	2.6816
RP1000/A	.8157	1.0726	1.1319	1.1233	1.1635	1.1630	1.2009	1.2760	1.3588	1.4057	1.5327	2.2973	3.1984
RP10000/A	1.0060	1.3365	1.4064	1.3846	1.4339	1.4224	1.4703	1.5624	1.6523	1.6984	1.8464	2.8358	3.8702
PMP/A	2.0269	2.6489	2.8691	2.9053	3.0105	3.0683	3.1790	3.3804	3.6829	3.8015	4.2169	5.9772	8.5150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W26 630 90	STATION NAME BELLEVUE-STRATHMAN-722C	ELEV 2740	SEC 11	TMP 06N	RNO LOT 13W C S	BWM S	LATITUDE 34.630	LONGITUDE 118.231	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.70	2.19	2.47	2.60	2.64	2.83	2.98	3.18	3.50	3.74	4.34	5.49	8.84
5	2.56	3.42	3.88	4.05	4.12	4.37	4.63	4.96	5.42	5.78	6.58	8.68	13.23
10	3.12	4.23	4.80	4.98	5.07	5.35	5.68	6.08	6.72	7.04	7.94	10.74	15.95
20	3.65	5.00	5.66	5.85	5.95	6.24	6.64	7.12	7.71	8.19	9.18	12.64	18.44
25	3.81	5.24	5.93	6.12	6.22	6.52	6.94	7.44	8.05	8.54	9.56	13.24	19.21
40	4.15	5.74	6.49	6.25	6.38	7.09	7.55	8.09	8.73	9.27	10.33	13.53	20.77
50	4.31	5.98	6.75	6.93	7.05	7.36	7.84	8.40	9.05	9.61	10.69	15.03	21.50
100	4.80	6.69	7.54	7.72	7.86	8.16	8.70	9.32	10.02	10.62	11.76	16.76	23.70
200	5.27	7.39	8.32	8.48	8.64	8.94	9.54	10.22	10.95	11.61	12.80	18.44	25.82
1000	6.34	8.99	10.07	10.20	10.39	10.60	11.41	12.23	13.05	13.87	15.09	22.23	36.54
10000	7.02	11.20	12.49	12.57	12.60	13.06	13.97	14.98	15.84	16.76	18.18	27.44	36.96
PMP	15.77	22.19	25.52	26.38	26.88	28.18	30.19	32.41	35.30	37.30	41.51	57.84	81.31
MEAN	1.882	2.471	2.764	2.884	2.925	3.107	3.275	3.498	3.810	4.072	4.662	6.114	9.548
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.104	1.975	1.942	1.381	1.481	1.409	1.195	1.098	1.003	1.000	.753	.813	.914
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	1.000	.900	.900	.800	1.100
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	4.398	7.742	5.156	4.536	4.877	4.320	3.568	3.267	3.242	3.281	2.770	2.602	3.129
N	25	24	24	24	25	25	25	25	25	25	25	25	25
RECORD YEAR	1943	1943	1943	1943	1944	1944	1944	1944	1944	1944	1944	1943	1952
RECORD MAXIMUM	1.130	7.720	7.720	7.720	8.200	8.200	8.200	8.200	9.720	9.880	10.460	13.440	21.190
NORMALIZED MAX	2.116	2.976	2.491	2.430	2.597	2.308	2.134	2.047	2.297	2.174	2.068	1.931	2.186
CALC. COEF. VAR	.565	.714	.720	.690	.696	.710	.705	.687	.675	.656	.597	.614	.557
REGN. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
MEAN/A	.1971	.2588	.2894	.3021	.3063	.3253	.3429	.3663	.3988	.4264	.4882	.6463	1.0000
RP10/A	.3270	.4431	.5220	.5306	.5560	.5848	.6369	.6933	.7370	.7820	.8320	1.1245	1.6768
RP25/A	.3995	.5490	.6211	.6409	.6519	.6829	.7266	.7786	.8426	.8947	1.0009	1.3662	2.0113
RP50/A	.4517	.6259	.7067	.7260	.7367	.7703	.8267	.8794	.9461	1.0059	1.1192	1.3737	2.2516
RP100/A	.5024	.7009	.7890	.8083	.8226	.8544	.9110	.9744	1.0406	1.1125	1.2319	1.7549	2.6816
RP1000/A	.6639	.9410	1.0558	1.0880	1.1081	1.1184	1.1945	1.2809	1.3635	1.4443	1.5801	2.3779	3.1984
RP10000/A	.8188	1.1729	1.3083	1.3169	1.3408	1.3686	1.4624	1.5686	1.6593	1.7554	1.9034	2.8736	3.8702
PMP/A	1.6515	2.3239	2.6729	2.7624	2.8153	2.9509	3.1619	3.3939	3.6962	3.9680	4.3471	6.0569	8.5150

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W26 2941 0	STATION NAME FAIRMONT RES	ELEV 608	SEC 3090	TWP 11	RND LOT 07N 15W R	8WM S	LATITUDE 34.704	LONGITUDE 118.420	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.71	3.44	3.81	4.11	4.31	4.51	4.80	4.94	5.50	5.97	6.63	8.68	13.75
5	4.08	5.35	5.98	6.40	6.73	6.97	7.47	7.70	8.62	9.21	10.36	13.72	20.56
10	6.47	6.63	7.40	7.88	8.28	8.52	9.15	9.44	10.52	11.23	12.52	16.97	24.82
20	5.01	7.03	6.73	9.24	9.73	9.95	10.70	11.04	12.25	13.06	14.46	19.98	28.60
25	6.07	8.21	9.15	9.67	10.17	10.39	11.10	11.54	12.79	13.63	15.06	20.91	29.07
40	6.61	8.99	10.01	10.80	10.39	11.30	12.17	12.56	13.88	14.75	16.27	21.37	32.31
60	6.89	9.30	10.43	10.95	11.53	11.72	12.63	13.03	14.38	15.32	16.84	23.74	33.44
100	7.64	10.40	11.63	12.20	12.64	13.00	14.01	14.47	15.92	16.75	18.53	26.40	36.80
200	8.39	11.58	12.83	13.41	14.11	14.24	15.36	15.87	17.40	18.51	20.16	29.14	40.10
1000	16.09	14.07	15.53	16.12	16.98	17.02	18.38	18.98	20.69	22.00	23.77	35.12	47.50
10000	12.45	17.54	19.27	19.06	20.93	20.81	22.50	23.25	25.16	26.74	28.63	43.30	57.48
PMP	25.10	34.76	39.37	41.68	43.94	44.89	48.64	50.30	56.08	59.50	65.40	91.36	126.47
MEAN	2.996	3.870	4.263	4.558	4.781	4.940	5.276	5.429	6.053	6.495	7.344	9.660	14.553
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.360	1.421	1.093	.865	.787	.852	.904	1.041	.844	.903	.706	1.338	.850
REGIONAL SKEW	1.260	1.300	1.260	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.260	1.300	1.260	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	5.227	5.792	4.383	3.446	3.252	3.362	3.324	3.604	3.147	3.362	2.762	5.101	2.965
N	64	64	64	64	64	64	64	63	63	63	63	63	65
RECORD YEAR	1943	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	7.600	11.100	12.000	12.000	12.140	12.600	13.540	13.920	14.340	17.030	17.000	29.060	32.920
NORMALIZED MAX	2.950	3.373	3.299	2.992	2.853	2.853	2.774	2.767	2.517	2.978	2.773	3.899	2.761
CALC. COEF. VAR	.521	.554	.550	.555	.539	.540	.544	.544	.545	.518	.557	.541	.501
REGD. COEF. VAR	.492	.532	.549	.543	.546	.530	.548	.551	.551	.544	.527	.504	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.540	.551	.551	.544	.527	.504	.501
MEAN/A	.2017	.2608	.2870	.3069	.3219	.3332	.3552	.3655	.4075	.4373	.4944	.6504	1.0000
RP10/A	.3347	.4462	.4982	.5303	.5576	.5735	.6101	.6355	.7082	.7559	.8427	1.1423	1.6700
RP25/A	.4080	.5529	.6150	.6551	.6956	.7126	.7528	.7776	.8608	.9178	1.0138	1.4081	2.0113
RP50/A	.4623	.6303	.7008	.7375	.7762	.7969	.8501	.8776	.9605	1.0316	1.1336	1.5985	2.2510
RP100/A	.5142	.7057	.7833	.8212	.8644	.8751	.9436	.9743	1.0716	1.1409	1.2477	1.7026	2.4810
RP1000/A	.0795	.9476	1.0457	1.0856	1.1433	1.1456	1.2372	1.2782	1.3929	1.4613	1.8004	2.3647	3.1984
RP18000/A	.8360	1.1011	1.2974	1.2378	1.4069	1.4012	1.5146	1.5654	1.6940	1.8003	1.9279	2.9191	3.8702
PMP/A	1.6091	2.3401	2.6505	2.8602	2.9583	3.0225	3.2751	3.3608	3.7758	4.0059	4.4029	6.1327	8.5150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSW ORDER SUB W26 5750 0	STATION NAME MOJAVE	ELEV 92	SEC 2735	TWP 35	RND LOT 05N 10W R	8WM S	LATITUDE 35.090	LONGITUDE 118.167	COUNTY CODE 15				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.07	1.23	1.33	1.38	1.41	1.44	1.50	1.61	1.76	1.87	2.12	2.80	4.38
5	1.62	1.91	2.10	2.14	2.19	2.23	2.34	2.51	2.73	2.89	3.21	4.43	6.55
10	1.97	2.37	2.59	2.64	2.70	2.72	2.87	3.00	3.34	3.52	3.80	5.48	7.90
20	2.30	2.80	3.06	3.10	3.17	3.18	3.35	3.50	3.68	4.09	4.48	6.44	9.13
25	2.41	2.94	3.21	3.24	3.32	3.32	3.50	3.76	4.05	4.27	4.67	6.76	9.51
40	2.62	3.22	3.51	3.51	3.59	3.61	3.81	4.09	4.40	4.63	5.04	6.91	10.20
50	2.72	3.35	3.65	3.67	3.76	3.74	3.96	4.25	4.56	4.80	5.22	7.87	10.64
100	3.03	3.75	4.08	4.08	4.19	4.15	4.39	4.72	5.05	5.31	5.74	8.55	11.73
200	3.33	4.14	4.50	4.49	4.60	4.55	4.81	5.17	5.52	5.80	6.25	9.41	12.78
1000	4.00	6.03	6.45	6.40	6.54	6.44	6.70	6.19	6.65	6.69	7.38	11.35	15.12
10000	4.94	6.27	6.76	6.65	6.82	6.65	7.05	7.58	7.98	8.36	8.87	14.01	18.30
PMP	9.95	12.43	13.80	13.96	14.33	14.34	15.24	16.40	17.78	18.64	20.29	29.53	40.26
MEAN	1.188	1.384	1.495	1.528	1.559	1.581	1.653	1.770	1.919	2.035	2.275	3.121	4.728
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.030	1.073	1.239	1.121	1.068	1.046	1.086	1.086	1.013	1.015	1.015	1.101	1.011
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	3.921	3.908	4.515	4.260	3.632	3.560	3.387	3.241	3.158	3.435	3.333	7.250	3.933
N	20	20	26	26	20	20	20	26	26	26	26	26	26
RECORD YEAR	1966	1969	1968	1968	1968	1968	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.400	3.090	3.890	3.820	3.620	3.660	3.960	3.995	4.350	4.810	5.390	9.370	11.360
NORMALIZED MAX	1.905	2.210	2.584	2.594	2.478	2.461	2.302	2.208	2.262	2.475	2.503	3.361	2.760
CALC. COEF. VAR	.519	.520	.543	.529	.533	.524	.535	.544	.572	.551	.547	.596	.520
REGD. COEF. VAR	.492	.532	.549	.543	.546	.538	.540	.551	.551	.544	.527	.504	.501
USED COEF. VAR	.492	.532	.549	.543	.540	.530	.540	.551	.551	.544	.527	.504	.501
MEAN/A	.2512	.2988	.3182	.3226	.3297	.3344	.3497	.3744	.4060	.4364	.4813	.6602	1.0000
RP10/A	.4168	.6014	.6589	.6578	.6712	.6756	.6945	.6969	.7054	.7440	.8203	1.1595	1.6700
RP25/A	.5093	.6213	.6785	.6849	.7016	.7019	.7411	.7858	.8575	.9031	.9865	1.4293	2.0113
RP50/A	.5759	.7082	.7721	.7759	.7951	.7918	.8307	.8888	.9647	1.0154	1.1035	1.6220	2.2510
RP100/A	.6405	.7931	.8689	.8638	.8854	.8854	.9281	.9881	1.0752	1.1229	1.2151	1.8085	2.4810
RP1000/A	.0464	1.0648	1.1520	1.1619	1.1711	1.1497	1.2178	1.3091	1.5875	1.6580	1.9578	2.4003	3.1984
RP18000/A	1.0439	1.3272	1.4293	1.4069	1.4432	1.4002	1.4911	1.6032	1.6874	1.7719	1.8766	2.8631	3.8702
PMP/A	2.1054	2.6294	2.9199	2.9520	3.0303	3.0332	3.2230	3.4687	3.7612	3.9428	4.2859	6.2454	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W26 6624 0	STATION NAME PALMDALE	ELEV 302	SEC 2517	TWP 19	RNG LOT 06N 11W N	BWM S	LATITUDE 34.590	LONGITUDE 118.092	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.45	1.69	1.87	1.98	2.10	1.82	1.90	2.45	2.27	2.39	3.41	3.47	7.27
5	2.18	2.53	2.94	2.61	3.28	2.61	2.95	3.02	3.51	3.67	5.17	5.49	10.87
10	2.66	3.26	3.64	3.21	4.04	3.43	3.62	4.66	4.29	4.47	6.25	6.79	13.12
20	3.11	3.05	4.30	3.77	4.74	4.01	4.23	5.48	5.00	5.20	7.22	8.00	15.16
25	3.25	4.04	4.50	3.94	4.98	4.18	4.42	5.72	5.21	5.42	7.52	8.37	15.78
40	3.54	4.42	4.92	4.02	5.87	4.55	4.81	6.23	5.68	5.88	8.13	8.55	17.08
50	3.67	4.60	5.12	4.60	6.02	4.72	5.01	6.47	5.87	6.10	8.41	9.50	17.87
100	4.08	5.15	5.72	4.97	6.26	5.23	5.54	7.18	6.49	6.74	9.25	10.60	19.48
200	4.49	5.69	6.31	5.46	6.88	5.73	6.07	7.87	7.09	7.37	10.07	11.66	21.23
1000	5.40	6.92	7.84	6.87	8.28	6.85	7.26	9.41	8.44	8.75	11.67	14.06	25.11
10000	6.66	8.62	9.48	8.09	10.20	8.36	8.89	11.53	10.26	10.64	14.30	17.35	30.38
PMP	13.43	17.09	19.37	16.98	21.42	18.08	19.22	24.94	22.87	23.60	32.66	36.87	66.84
MEAN	1.602	1.903	2.097	1.857	2.330	1.993	2.085	2.692	2.466	2.585	3.667	3.866	7.890
CLOCK HR. COR.	1.140	1.670	1.640	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.992	1.102	1.361	.357	1.263	.346	.568	.951	.687	.543	.910	.803	1.116
REGIONAL SKEW	1.200	1.300	1.500	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	4.220	4.550	4.984	1.919	4.575	2.071	2.499	3.519	3.051	2.623	3.375	2.998	3.950
N	42	42	42	17	42	17	17	42	17	17	42	17	42
RECORD YEAR	1944	1943	1944	1969	1944	1972	1972	1944	1966	1966	1944	1966	1941
RECORD MAXIMUM	3.430	4.410	5.380	3.230	6.320	3.770	4.250	6.010	5.620	5.620	8.340	7.740	16.410
NORMALIZED MAX	2.483	2.483	2.483	1.900	3.007	1.761	1.990	2.211	2.002	2.002	2.367	1.857	2.931
CALC. COEF. VAR	.469	.494	.550	.496	.506	.506	.550	.553	.577	.570	.538	.540	.511
REGD. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
MEAN/A	.2041	.2424	.2672	.2366	.2969	.2539	.2656	.3430	.3144	.3293	.4672	.4925	1.0000
RP10/A	.3307	.4151	.4638	.4088	.5142	.4370	.4666	.5963	.5464	.5691	.7962	.8649	1.6708
RP25/A	.4137	.5143	.5734	.5019	.6317	.5370	.5780	.6947	.6461	.6787	.9578	1.0562	2.0110
RP50/A	.4678	.5803	.6524	.5686	.7159	.6012	.6355	.8234	.7472	.7767	1.0710	1.2104	2.2510
RP100/A	.5204	.6569	.7291	.6330	.7972	.6666	.7054	.9142	.8268	.8590	1.1789	1.3498	2.4810
RP1000/A	.6876	.8814	.9734	.8369	1.0544	.8729	.9250	1.1943	1.0746	1.1152	1.5121	1.7705	3.1984
RP10000/A	.8481	1.0986	1.2078	1.0310	1.2964	1.0677	1.1325	1.4687	1.3075	1.3554	1.8215	2.2163	3.8702
PMP/A	1.7104	2.1767	2.4674	2.1633	2.7283	2.3030	2.4485	3.1777	2.9131	3.0160	4.1600	4.6580	8.5150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W26 6627 0	STATION NAME OND PALMDALE AP	ELEV 2517	SEC 07	TWP 06N	RNG LOT 11W K	SWM S	LATITUDE 34.622	LONGITUDE 118.083	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.28	1.51	1.70	1.84	1.92	2.08	2.12	2.24	2.53	2.75	3.15	4.06	6.94
5	1.92	2.35	2.67	2.96	3.00	3.09	3.29	3.50	3.92	4.24	4.78	6.41	10.38
10	2.34	2.91	3.31	3.52	3.69	3.77	4.04	4.29	4.78	5.17	5.78	7.93	12.52
20	2.74	3.44	3.91	4.13	4.33	4.41	4.72	5.02	5.57	6.01	6.66	9.33	14.48
25	2.86	3.60	4.09	4.32	4.53	4.60	4.93	5.24	5.82	6.27	6.95	9.77	15.08
40	3.12	3.94	4.48	4.41	4.63	5.00	5.37	5.71	6.31	6.81	7.51	9.99	16.31
50	3.23	4.11	4.66	4.69	5.14	5.19	5.57	5.92	6.54	7.05	7.77	11.09	16.88
100	3.60	4.60	5.21	5.45	5.72	5.76	6.18	6.57	7.24	7.60	8.56	12.37	18.60
200	3.95	5.08	5.74	5.99	6.29	6.31	6.78	7.21	7.91	8.32	9.31	13.61	20.27
1000	4.75	6.17	6.95	7.20	7.57	7.54	8.11	8.62	9.41	10.13	10.97	16.41	23.97
10000	5.86	7.69	8.62	8.67	9.33	9.22	9.92	10.56	11.44	12.31	13.22	20.26	29.01
PMP	11.83	15.24	17.02	18.62	19.50	19.88	21.46	22.85	25.51	27.39	30.19	42.70	63.83
MEAN	1.411	1.697	1.908	2.036	2.131	2.193	2.327	2.466	2.753	2.990	3.390	4.513	7.494
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.310	1.492	1.537	1.624	1.817	1.839	1.296	1.095	1.114	1.120	1.234	1.364	1.916
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	4.965	5.583	5.624	5.827	6.423	5.329	4.410	3.071	4.232	4.034	4.424	4.910	3.967
N	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1944	1943	1944	1944	1944	1944	1944	1944	1944	1944	1938	1938	1938
RECORD MAXIMUM	3.430	4.410	5.380	5.840	6.320	6.560	6.610	6.610	7.820	8.030	9.630	13.980	19.350
NORMALIZED MAX	2.534	2.492	2.840	2.902	2.960	2.932	2.779	2.653	2.926	2.618	2.023	3.062	2.507
CALC. COEF. VAR	.565	.594	.640	.661	.664	.679	.662	.633	.629	.644	.652	.685	.616
REGD. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501
MEAN/A	.1093	.2204	.2545	.2716	.2843	.2925	.3105	.3290	.3673	.3989	.4523	.6021	1.0000
RP10/A	.3124	.3878	.4418	.4693	.4925	.5035	.5305	.5720	.6303	.6695	.7768	1.0575	1.6708
RP25/A	.3816	.4804	.5462	.5762	.6050	.6140	.6580	.6994	.7758	.8070	.9274	1.3036	2.0113
RP50/A	.4315	.5477	.6214	.6527	.6856	.6926	.7430	.7899	.8729	.9411	1.0370	1.4799	2.2516
RP100/A	.4690	.6133	.6945	.7267	.7634	.7682	.8247	.8776	.9659	1.0407	1.1616	1.6503	2.4816
RP1000/A	.6343	.8234	.9272	.9609	1.0008	1.0056	1.0814	1.1505	1.2554	1.3122	1.4640	2.1992	3.1994
RP10000/A	.7822	1.0264	1.1804	1.1836	1.2444	1.2300	1.3240	1.4070	1.5268	1.6422	1.7636	2.7024	3.8702
PMP/A	1.5777	2.0335	2.3502	2.4836	2.8128	2.6531	2.6626	3.0485	3.4032	3.6542	4.0277	5.6960	8.5150

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. 85N ORDER SUB W28 519 2	STATION NAME BARSTON	ELEV 2150	SEC 01	TWP 09N	RNG LOT 02W	BWM S'	LATITUDE 34.900	LONGITUDE 117.763	COUNTY CODE 36	MAXIMUM PRECIPITATION FOR INDICATED DURATION O-DAYS H=HOURS															
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650												
2	.92	1.01	1.04	1.07	1.07	1.16	1.19	1.31	1.48	1.59	1.90	2.18	4.14												
5	1.38	1.58	1.63	1.66	1.67	1.78	1.85	2.04	2.30	2.45	2.89	3.44	6.20												
10	1.69	1.96	2.01	2.05	2.05	2.18	2.27	2.50	2.81	2.98	3.49	4.26	7.48												
20	1.97	2.31	2.38	2.40	2.41	2.55	2.65	2.92	3.27	3.47	4.03	5.01	8.64												
25	2.08	2.42	2.49	2.51	2.52	2.66	2.77	3.06	3.41	3.62	4.20	5.25	9.08												
40	2.24	2.66	2.72	2.87	2.88	2.89	3.01	3.33	3.70	3.93	4.54	5.36	9.74												
50	2.33	2.76	2.83	2.85	2.86	3.00	3.13	3.45	3.84	4.07	4.69	5.66	10.08												
100	2.59	3.09	3.17	3.17	3.18	3.33	3.47	3.83	4.25	4.50	5.16	6.64	11.11												
200	2.85	3.42	3.49	3.48	3.50	3.65	3.80	4.20	4.64	4.92	5.62	7.31	12.10												
1000	3.42	4.16	4.23	4.19	4.21	4.36	4.55	5.03	5.52	5.84	6.62	8.61	14.32												
10000	4.22	5.18	5.24	5.16	5.19	5.33	5.57	6.16	6.71	7.10	7.98	10.87	17.33												
PMP	8.51	10.28	10.71	10.83	10.90	11.50	12.04	13.32	14.96	15.80	18.22	22.92	36.12												
MEAN	1.016	1.143	1.160	1.184	1.186	1.268	1.306	1.438	1.615	1.725	2.047	2.423	4.478												
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
CALCULATED SKEW	1.258	.771	.984	.940	.944	1.250	1.186	.956	.518	.835	.607	.413	.494												
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900												
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900												
KURTOSIS	5.848	3.349	4.091	3.898	4.020	4.761	3.968	3.211	2.454	3.129	2.697	2.268	2.784												
N	20	20	20	20	20	20	20	20	20	20	20	20	20												
RECORD YEAR	1918	1918	1916	1916	1916	1918	1918	1908	1908	1918	1916	1916	1918												
RECORD MAXIMUM	1.930	2.010	2.300	2.410	2.410	2.800	2.800	3.010	3.330	3.390	3.870	4.340	7.650												
NORMALIZED MAX	2.200	1.898	2.294	2.100	2.100	2.565	2.183	2.114	1.803	2.016	1.993	1.737	1.801												
CALC. COEF. VAR	.399	.400	.428	.439	.426	.471	.502	.517	.486	.479	.452	.456	.394												
REQD. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.581	.551	.544	.527	.584	.501												
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501												
MEAN/A	.2269	.2553	.2592	.2644	.2649	.2833	.2917	.3211	.3608	.3853	.4572	.5413	1.0000												
RP10/A	.3768	.4371	.4440	.4570	.4588	.4875	.5000	.5583	.6269	.6600	.7757	.9566	1.6784												
RP25/A	.4400	.5410	.5562	.5810	.5836	.6183	.6286	.7020	.8085	.8374	1.0119	1.2719	2.0113												
RP50/A	.5201	.6174	.6328	.6356	.6387	.6702	.6709	.8574	.9048	1.0482	1.3304	2.2516													
RP100/A	.5785	.6914	.7073	.7076	.7113	.7439	.7750	.8559	.9487	1.0053	1.1537	1.4435	2.4818												
RP1000/A	.7644	.9253	.9444	.9355	.9408	.9738	1.0162	1.1228	1.2331	1.3052	1.4757	1.9890	3.1984												
RP10000/A	.9428	1.1570	1.1715	1.1525	1.1594	1.1911	1.2441	1.3751	1.4996	1.5863	1.7826	2.4293	3.8702												
PMP/A	1.9015	2.2924	2.3933	2.4182	2.4343	2.5893	2.6899	2.9752	3.3426	3.5298	4.0711	5.1204	8.5150												

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. 85N ORDER SUB W28 779 0	STATION NAME BIG PINES PARK	ELEV 6860	SEC 02	TWP 03W	RNG LOT 08W	BWM S	LATITUDE 34.379	LONGITUDE 117.661	COUNTY CODE 70																
MAXIMUM PRECIPITATION FOR INDICATED DURATION O-DAYS H-HOURS																									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650												
2	3.97	4.98	5.50	5.91	6.17	6.61	7.13	7.64	8.37	9.02	10.28	13.25	22.60												
5	5.97	7.76	8.64	9.20	9.63	10.21	11.08	11.90	12.97	13.92	15.59	20.95	33.82												
10	7.61	10.69	11.32	11.85	12.48	13.58	14.60	15.84	16.96	18.83	25.90	40.79													
20	8.51	11.35	12.62	13.29	13.92	14.57	15.88	17.08	18.45	19.73	21.73	30.50	47.14												
25	8.89	11.90	13.22	13.90	14.56	15.22	16.59	17.85	19.25	20.59	22.65	31.93	49.10												
40	9.69	13.04	14.46	14.20	14.87	16.55	18.06	19.43	20.89	22.34	24.48	32.63	53.11												
50	10.08	13.57	15.04	15.75	16.50	17.17	18.74	20.16	21.66	23.15	25.33	36.25	54.97												
100	11.16	15.19	16.81	17.53	18.37	19.04	20.80	22.39	23.96	25.60	27.87	40.42	60.58												
200	12.29	16.79	18.54	19.27	20.20	20.86	22.80	24.54	26.19	27.97	30.33	44.40	66.01												
1000	14.78	20.40	22.44	23.17	24.30	24.93	27.27	29.37	31.15	33.24	35.75	53.62	76.08												
10000	18.23	25.43	27.85	28.55	29.94	30.49	33.39	35.97	37.88	40.40	43.07	66.19	94.48												
PMP	36.76	50.36	56.89	59.91	62.87	65.76	72.19	77.81	84.43	89.69	93.67	139.51	207.87												
MEAN	4.387	5.610	6.160	6.551	6.842	7.251	7.938	8.399	9.113	9.813	11.046	14.747	24.412												
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
CALCULATED SKEW	1.144	1.358	1.227	1.048	.893	1.028	1.221	1.299	1.332	1.319	1.224	1.736	1.014												
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900												
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900												
KURTOSIS	4.421	4.992	4.344	3.677	3.414	4.102	4.990	5.148	5.328	5.487	5.048	7.004	3.696												
N	29	29	29	29	29	29	29	29	29	29	29	29	29												
RECORD YEAR	1954	1943	1943	1943	1943	1949	1949	1949	1949	1949	1949	1949	1949												
RECORD MAXIMUM	9.460	14.390	15.600	15.740	15.820	17.720	21.060	23.06	25.160	26.940	29.610	47.140	54.960												
NORMALIZED MAX	2.164	2.719	2.583	2.443	2.402	2.614	3.026	3.009	3.068	3.156	3.051	3.445	2.644												
CALC. COEF. VAR	.534	.576	.593	.574	.546	.552	.584	.579	.574	.571	.551	.638	.473												
REQD. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501												
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.584	.501												
MEAN/A	.1797	.2298	.2523	.2683	.2802	.2970	.3207	.3440	.3733	.4020	.4525	.6041	1.0000												
RP10/A	.2982	.3935	.4381	.4637	.4854	.5112	.5563	.5981	.6487	.6948	.7711	1.0609	1.6706												
RP25/A	.3643	.4876	.5416	.5693	.5963	.6234	.6797	.7312	.7895	.8434	.9277	1.3079	2.0113												
RP50/A	.4119	.5558	.6162	.6450	.6758	.7032	.7675	.8289	.8912	.9462	1.0374	1.4847	2.2516												
RP100/A	.4622	.6224	.6887	.7181	.7525	.7860	.8498	.9170	.9816	1.0487	1.1418	1.6557	2.6816												
RP1000/A	.6054	.8358	.9194	.9493	.9954	1.0210	1.1171	1.2030	1.2759	1.3615	1.4645	2.1964	3.1094												
RP10000/A	.7467	1.0416	1.1407	1.1695	1.2266	1.2489	1.3677	1.4732	1.5517	1.6547	1.7642	2.7113	3.8702												
PMP/A	1.5059	2.0637	2.3304	2.4540	2.5755	2.6939	2.9571	3.1874	3.4586	3.6821	4.0292	5.7147	8.5150												

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W28 2257 0	STATION NAME DABBETT A P	ELEV 36	SEC 1922	TWP 09N	RNG LOT 02E	BWM 5	LATITUDE 34.867	LONGITUDE 116.783	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	.80	.89	.93	.94	.96	.97	1.01	1.04	1.11	1.20	1.36	1.72	3.16
5	1.21	1.39	1.47	1.46	1.49	1.50	1.57	1.63	1.72	1.85	2.06	2.72	4.73
10	1.48	1.72	1.82	1.80	1.84	1.83	1.92	2.00	2.10	2.25	2.48	3.36	5.70
20	1.72	2.03	2.14	2.11	2.16	2.14	2.25	2.34	2.44	2.62	2.87	3.96	6.59
25	1.80	2.13	2.25	2.21	2.26	2.23	2.35	2.44	2.55	2.73	2.99	4.14	6.86
40	2.12	2.34	2.46	2.40	2.46	2.43	2.56	2.66	2.77	2.96	3.23	4.43	7.42
50	2.04	2.43	2.55	2.50	2.56	2.52	2.65	2.76	2.87	3.07	3.34	4.70	7.68
100	2.27	2.72	2.85	2.79	2.85	2.80	2.95	3.06	3.17	3.40	3.68	5.24	8.47
200	2.49	3.01	3.15	3.07	3.13	3.06	3.23	3.36	3.47	3.71	4.00	5.77	9.23
1000	3.00	3.65	3.81	3.69	3.77	3.66	3.86	4.02	4.12	4.41	4.72	6.96	10.91
10000	3.89	4.56	4.73	4.54	4.64	4.48	4.73	4.92	5.01	5.36	5.68	8.59	13.21
PMP	7.45	9.03	9.66	9.53	9.74	9.65	10.22	10.64	11.18	11.92	12.97	18.10	29.05
MEAN	.889	1.005	1.046	1.042	1.060	1.064	1.109	1.148	1.206	1.302	1.457	1.913	3.412
CLOCK HR. COR.	1.140	1.070	1.049	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.403	1.544	1.745	1.747	1.701	1.705	1.387	1.455	1.381	1.406	1.110	.987	.332
REGIONAL SKEW	1.200	1.300	1.400	1.180	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	6.302	5.634	6.211	6.288	6.247	6.273	4.950	5.245	4.970	5.345	4.297	3.956	2.567
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1959	1959	1961	1961	1961	1961	1961	1959	1959	1959	1959	1959	1959
RECORD MAXIMUM	2.060	2.680	2.940	3.020	3.020	3.020	3.240	3.360	3.630	3.780	4.980	6.510	10.90
NORMALIZED MAX	2.686	2.803	2.794	2.940	2.979	2.982	2.814	2.866	2.849	3.026	2.814	2.802	2.176
CALC. COEF. VAR	.490	.595	.648	.645	.621	.616	.612	.636	.627	.591	.567	.572	.177
REGN. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
MEAN/A	.2606	.2946	.3066	.3054	.3107	.3119	.3250	.3365	.3535	.3815	.4270	.5608	1.0000
RP10/A	.4395	.5044	.5322	.5278	.5382	.5369	.5637	.5951	.6143	.6594	.7277	.9849	1.6708
RP25/A	.5253	.6249	.6581	.6508	.6651	.6650	.7153	.7604	.7854	.8755	1.2141	2.0113	3.4103
RP50/A	.5973	.7124	.7486	.7341	.7492	.7385	.7778	.8079	.8401	.9600	.9790	1.3763	2.2516
RP100/A	.6644	.7977	.8367	.8173	.8343	.8192	.8634	.8970	.9296	.9953	1.0775	1.5370	2.4816
RP1000/A	.8786	1.0711	1.1170	1.0805	1.1035	1.0723	1.1320	1.1767	1.2082	1.2922	1.3821	2.0389	3.1984
RP10000/A	1.0828	1.3351	1.3859	1.3312	1.3599	1.3116	1.3860	1.4411	1.4694	1.5705	1.6649	2.5169	3.8702
PMP/A	2.1839	2.6452	2.8313	2.7932	2.8584	2.8292	2.9966	3.1180	3.2753	3.4946	3.8023	5.3051	8.5150

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB W28 8479 0	STATION NAME SQUIRREL INN	ELEV 5680	SEC 19	TWP 02N	RNG LOT 03W	BWM 5	LATITUDE 34.233	LONGITUDE 117.233	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	5.39	6.82	7.68	8.44	8.99	9.46	10.20	11.02	12.66	13.95	16.36	21.89	37.10
5	8.11	10.62	12.07	13.14	14.02	14.61	15.86	17.17	19.62	21.52	24.81	34.60	55.51
10	9.89	13.16	14.94	16.17	17.26	17.86	19.44	21.05	23.95	26.23	29.97	42.78	66.95
20	11.56	15.55	17.63	18.98	20.27	20.86	22.74	24.03	27.90	30.52	34.63	50.37	77.38
25	12.08	16.30	18.47	19.85	21.21	21.78	23.76	25.74	29.11	31.84	36.06	52.73	80.59
40	13.15	17.86	20.20	20.28	21.66	23.69	25.85	28.02	31.60	34.54	38.97	53.89	87.17
50	13.66	18.59	21.01	22.49	24.03	24.57	26.83	29.07	32.76	35.79	40.32	59.86	90.22
100	15.19	20.81	23.48	25.04	26.76	27.25	29.78	32.28	36.24	39.59	44.38	66.76	99.44
200	16.69	22.99	25.90	27.52	29.42	29.86	32.64	35.39	39.61	43.25	48.28	73.47	108.34
1000	20.07	27.94	31.35	33.10	35.39	35.68	39.04	42.35	47.11	51.40	56.92	88.56	128.16
10000	24.76	34.83	38.90	40.78	43.62	43.64	47.80	51.86	57.29	62.46	68.57	109.32	155.07
PMP	49.93	69.01	79.47	85.57	91.58	94.13	103.35	112.20	127.70	138.99	156.59	236.41	341.18
MEAN	5.958	7.604	8.606	9.357	9.965	10.378	11.210	12.110	13.783	15.174	17.585	24.357	40.669
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.178	1.905	1.773	1.562	1.409	1.303	1.025	1.222	1.050	1.181	1.471	1.425	1.100
REGIONAL SKEW	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
SKEW USED	1.200	1.300	1.200	1.100	1.100	1.000	1.000	1.000	.900	.900	.800	1.100	.900
KURTOSIS	11.227	7.975	6.681	5.418	4.839	4.571	3.666	4.694	4.291	4.910	6.379	5.519	4.223
N	72	72	72	72	72	72	72	72	72	72	72	72	72
RECORD YEAR	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1938	1938
RECORD MAXIMUM	16.810	22.640	25.860	26.870	27.320	27.860	27.860	31.720	37.080	42.580	50.290	76.050	97.000
NORMALIZED MAX	4.093	3.759	3.767	3.521	3.413	3.358	3.040	3.345	3.416	3.591	3.746	3.556	3.439
CALC. COEF. VAR	.449	.518	.526	.532	.510	.500	.487	.484	.494	.503	.496	.513	.413
REGN. COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
USED COEF. VAR	.492	.532	.549	.543	.546	.538	.548	.551	.551	.544	.527	.564	.501
MEAN/A	.1487	.1918	.2148	.2335	.2487	.2590	.2798	.3022	.3440	.3787	.4389	.6679	1.0000
RP10/A	.2466	.3284	.3728	.4084	.4308	.4458	.4853	.5255	.5978	.6545	.7480	1.0676	1.6708
RP25/A	.3014	.4069	.4609	.4955	.5292	.5437	.5929	.6424	.7266	.7945	.8998	1.3161	2.0113
RP50/A	.3468	.4638	.5244	.5613	.5997	.6132	.6695	.7256	.8175	.8933	1.0052	1.4940	2.2516
RP100/A	.3791	.5194	.5861	.6249	.6678	.6802	.7431	.8056	.9045	.9879	1.1075	1.6661	2.4816
RP1000/A	.5010	.6974	.7825	.8261	.8833	.8904	.9744	1.0568	1.1767	1.2827	1.4205	2.2101	3.1984
RP10000/A	.6178	.8692	.9709	1.0178	1.0886	1.0891	1.1930	1.2943	1.4299	1.5589	1.7112	2.7283	3.8702
PMP/A	1.2461	1.7222	1.9834	2.1356	2.2856	2.3492	2.5794	2.8003	3.1871	3.4668	3.9081	5.7504	8.5150

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
X05 4467 0	KEE RANCH		4325	14	01N	04E P	5	34.167	116.533	36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	400	600	3650
2	1.77	1.94	2.09	2.13	2.29	2.46	2.60	2.84	2.77	2.85	3.30	4.30	6.06	
5	3.06	3.35	3.61	3.68	3.95	4.24	4.48	4.95	4.76	4.87	5.69	7.36	9.52	
10	4.03	4.43	4.74	4.83	5.15	5.53	5.85	6.54	6.18	6.29	7.42	9.51	11.75	
20	5.01	5.50	5.86	5.97	6.34	6.81	7.20	7.31	7.57	7.67	9.14	11.59	13.81	
25	5.32	5.84	6.22	6.33	6.72	7.21	7.63	7.75	8.01	8.11	9.68	12.25	14.48	
40	5.98	6.57	6.98	7.10	7.52	8.07	8.54	8.67	8.94	9.02	10.63	13.63	16.77	
50	6.30	6.91	7.33	7.47	7.89	8.47	8.96	9.10	9.38	9.46	11.37	14.28	16.40	
100	7.28	7.99	8.44	8.60	9.06	9.72	10.29	10.45	10.73	10.78	13.05	16.28	18.27	
200	8.25	9.06	9.55	9.72	10.22	10.97	11.60	11.78	12.07	12.09	14.73	18.26	20.10	
1000	10.52	11.55	12.11	12.33	12.90	13.64	14.64	14.87	15.15	15.10	18.58	22.61	24.20	
10000	13.76	15.11	15.77	16.06	16.70	17.93	18.96	19.26	19.51	19.34	24.06	29.22	29.85	
PMP	23.32	25.50	27.35	27.84	29.65	31.83	33.67	34.19	35.50	36.08	42.73	54.49	62.80	
MEAN	2.197	2.412	2.576	2.623	2.793	2.999	3.172	3.221	3.344	3.399	4.025	5.134	6.735	
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	3.590	1.176	0.913	1.190	1.355	1.526	1.677	1.693	1.625	1.527	1.412	1.202	1.000	
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100	
KURTOSIS	2.830	3.920	2.992	3.897	4.236	4.959	5.591	5.754	5.518	5.130	5.223	8.509	3.642	
RECORD YEAR N	20	19	19	19	19	19	19	19	19	19	19	19	19	
RECORD YEAR	1969	1972	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	
RECORD MAXIMUM	3.500	5.000	5.000	5.000	7.000	8.000	9.000	9.250	9.250	9.250	10.600	17.360	14.140	
NORMALIZED MAX	1.342	2.044	1.778	2.220	2.368	2.511	2.626	2.684	2.549	2.496	2.463	3.158	2.137	
CALC. COEF. VAR	.442	.525	.529	.580	.636	.664	.700	.697	.693	.690	.663	.574	.515	
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555	
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555	
MEAN/A	.3263	.3581	.3826	.3895	.4148	.4452	.4710	.4783	.4966	.5047	.5977	.7823	1.0000	
RP10/A	.5987	.6572	.7039	.7157	.7651	.8213	.8688	.8822	.9179	.9366	1.1025	1.4116	1.7442	
RP25/A	.7903	.8675	.9237	.9404	.9979	1.0712	1.1332	1.1507	1.1960	1.2044	1.3880	1.8191	2.1465	
RP50/A	.9353	1.0267	1.0890	1.1087	1.1721	1.2582	1.3310	1.3515	1.3925	1.4039	1.6890	2.1204	2.4346	
RP100/A	1.0803	1.1858	1.2538	1.2765	1.3452	1.4440	1.5275	1.5511	1.5929	1.6007	1.9383	2.4177	2.7131	
RP1000/A	1.5618	1.7144	1.7968	1.8313	1.9148	2.0555	2.1744	2.2078	2.2454	2.2422	2.7592	3.3866	3.5938	
RP10000/A	2.0434	2.2430	2.3416	2.3839	2.4797	2.6618	2.8158	2.8592	2.8974	2.8722	3.5731	4.3380	4.4326	
PMP/A	3.4634	3.8017	4.0609	4.1343	4.4029	4.7263	4.9997	5.0769	5.2710	5.3573	6.3444	8.0915	9.3250	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE				
X12 4297 0	IRON MTN	77	900	30	01N	18E	S	34.133	115.133	36			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.80	.90	.93	.94	.97	1.00	1.03	1.05	1.14	1.22	1.28	1.54	2.76
5	1.38	1.56	1.60	1.62	1.67	1.72	1.77	1.82	1.96	2.09	2.20	2.63	4.33
10	1.82	2.06	2.10	2.13	2.18	2.24	2.32	2.37	2.54	2.71	2.87	3.40	5.35
20	2.26	2.56	2.60	2.64	2.68	2.76	2.85	2.92	3.12	3.30	3.53	4.15	6.29
25	2.40	2.72	2.76	2.80	2.84	2.92	3.02	3.09	3.30	3.49	3.75	4.39	6.58
40	2.70	3.05	3.09	3.14	3.18	3.27	3.38	3.46	3.68	3.88	4.19	4.88	6.72
50	2.84	3.21	3.25	3.30	3.33	3.43	3.55	3.63	3.86	4.06	4.40	5.11	7.46
100	3.28	3.71	3.74	3.80	3.83	3.94	4.07	4.17	4.41	4.63	5.05	5.83	8.32
200	3.72	4.21	4.23	4.30	4.32	4.44	4.59	4.71	4.96	5.20	5.70	6.54	9.15
1000	4.74	5.37	5.37	5.45	5.45	5.61	5.79	5.94	6.23	6.49	7.19	8.17	11.02
10000	6.20	7.02	6.99	7.09	7.06	7.26	7.50	7.64	8.03	8.31	9.31	10.46	13.59
PMP	10.51	11.90	12.12	12.30	12.53	12.89	13.32	13.45	14.61	15.51	16.53	19.51	28.59
MEAN	.990	1.121	1.142	1.159	1.180	1.214	1.255	1.286	1.376	1.441	1.557	1.838	3.066
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.261	3.968	3.867	3.767	3.753	3.687	3.908	3.930	3.487	3.564	3.410	2.663	1.733
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
KURTOSIS	10.910	22.611	21.981	21.354	21.361	21.146	22.988	23.235	19.495	20.192	18.412	13.165	6.763
RECORD YEAR N	39	39	39	39	39	39	39	39	39	39	39	39	39
RECORD YEAR	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
RECORD MAXIMUM	2.980	5.390	5.520	5.560	5.590	5.590	6.030	6.100	6.150	6.890	7.050	7.380	9.010
NORMALIZED MAX	3.537	4.798	4.937	5.020	5.084	5.069	5.246	5.260	5.014	5.068	4.938	4.485	3.312
CALC. COEF. VAR	.586	.794	.777	.757	.735	.711	.725	.711	.692	.673	.715	.672	.585
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.3229	.3656	.3724	.3780	.3849	.3960	.4093	.4195	.4487	.4764	.5078	.5994	1.0000
RP10/A	.5925	.6709	.6893	.6955	.7100	.7305	.7551	.7737	.8295	.8623	.9366	1.1101	1.7442
RP25/A	.7821	.8856	.8992	.9126	.9280	.9526	.9849	1.0092	1.0754	1.1369	1.2217	1.4305	2.1465
RP50/A	.9256	1.0481	1.0601	1.0759	1.0877	1.1192	1.1568	1.1854	1.2584	1.3253	1.4349	1.6675	2.4346
RP100/A	1.0691	1.2105	1.2208	1.2387	1.2492	1.2694	1.3276	1.3604	1.4395	1.5111	1.6469	1.9012	2.7131
RP1000/A	1.5457	1.7502	1.7511	1.7772	1.7768	1.8283	1.8807	1.9365	2.0328	2.1166	2.441	2.6831	3.5938
RP10000/A	2.0222	2.2698	2.2795	2.3134	2.3010	2.3676	2.4472	2.5077	2.6183	2.7113	3.0356	3.4113	4.4326
PMP/A	3.4273	3.8610	3.9531	4.0120	4.0857	4.2040	4.3452	4.4527	4.7633	5.0572	5.3901	6.3630	9.3250

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 5 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. 85N ORDER SUB X13 6118 8	STATION NAME NEELES	ELEV 98	SEC 480	TWP 34	RNG LOT 767	BWM 114	LATITUDE 617	LONGITUDE 36	COUNTY CODE				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.96	1.05	1.12	1.18	1.22	1.25	1.30	1.33	1.46	1.84	1.71	2.11	4.01
5	1.66	1.91	1.93	2.00	2.10	2.15	2.24	2.30	2.50	2.63	2.94	3.62	6.30
10	2.19	2.39	2.53	2.63	2.75	2.81	2.92	3.00	3.25	3.40	3.84	4.68	7.78
20	2.72	2.97	3.13	3.25	3.38	3.45	3.59	3.70	3.98	4.15	4.73	5.70	9.15
25	2.90	3.15	3.33	3.45	3.58	3.66	3.81	3.92	4.22	4.39	5.01	6.03	9.57
40	3.26	3.57	3.73	3.87	4.01	4.09	4.26	4.38	4.70	4.88	5.60	6.71	9.78
50	3.43	3.73	3.92	4.07	4.21	4.30	4.47	4.60	4.93	5.11	5.88	7.03	10.86
100	3.96	4.31	4.51	4.68	4.83	4.93	5.13	5.28	5.64	5.83	6.75	8.01	12.10
200	4.49	4.89	5.11	5.30	5.45	5.56	5.79	5.96	6.35	6.54	7.62	8.99	13.31
1000	5.72	6.23	6.48	6.72	6.88	7.02	7.31	7.52	7.97	8.16	9.61	11.22	16.02
10000	7.49	8.15	8.43	8.75	8.91	9.09	9.46	9.74	10.27	10.46	12.45	14.38	19.76
PMP	12.69	13.82	14.42	15.17	15.81	16.15	16.80	17.29	18.68	19.51	22.10	26.82	41.58
MEAN	1.195	1.302	1.377	1.429	1.490	1.521	1.583	1.628	1.759	1.838	2.082	2.525	4.459
CLOCK MR. COR.	1.140	1.070	1.090	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.423	1.540	1.765	1.619	1.329	1.385	1.655	1.659	1.548	1.548	2.054	1.763	1.135
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	5.372	5.798	7.413	6.949	6.083	5.876	7.060	7.637	6.485	6.348	8.738	6.954	4.727
N	77	77	77	77	77	77	77	77	77	77	77	77	77
RECORD YEAR	1907	1940	1940	1940	1940	1940	1910	1907	1907	1940	1910	1910	1940
RECORD MAXIMUM	3.490	3.920	5.100	5.120	5.129	5.132	5.580	5.659	5.060	6.040	6.110	6.110	1.742
NORMALIZED MAX	3.102	3.218	4.123	4.063	3.980	3.979	3.733	3.453	3.614	4.099	3.969	3.969	3.463
CALC. COEF. VAR	.615	.625	.656	.619	.600	.595	.635	.663	.642	.633	.706	.697	.576
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.2681	.2919	.3089	.3205	.3341	.3411	.3551	.3652	.3946	.4122	.4670	.5666	1.0000
RP10/A	.4910	.5357	.5684	.5927	.6182	.6327	.6591	.6784	.7284	.7633	.8614	1.0493	1.7442
RP25/A	.6404	.7071	.7459	.7738	.8039	.8207	.8542	.8787	.9457	.9836	1.1236	1.3522	2.1465
RP50/A	.7685	.8368	.8794	.9124	.9442	.9640	1.0033	1.0321	1.1066	1.1466	1.3197	1.5761	2.4340
RP100/A	.8876	.9665	1.0124	1.0504	1.0836	1.1063	1.1515	1.1844	1.2859	1.3073	1.5146	1.7971	2.7131
RP1000/A	1.2933	1.3974	1.5253	1.5670	1.5425	1.5748	1.6391	1.6866	1.7878	1.8312	2.1560	2.5172	3.5938
RP10000/A	1.8790	1.6283	1.8908	1.9017	1.9975	2.0393	2.1226	2.1833	2.3025	2.3458	2.7919	3.2245	4.4326
PMP/A	2.8458	3.0988	3.2791	3.4021	3.5468	3.6211	3.7689	3.8766	4.1087	4.3752	4.9574	6.0144	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO: BSN ORDER 608 X14 6699 8	STATION NAME PARKER RESERVOIR	ELEV 738	SEC 02N	TWP 27E	RNG LOT 34	BWM 283	LATITUDE 114	LONGITUDE 167	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.88	.96	.98	1.04	1.11	1.14	1.19	1.23	1.33	1.40	1.56	2.02	4.10
5	1.52	1.68	1.70	1.80	1.91	1.97	2.04	2.11	2.28	2.40	2.68	3.46	6.44
10	2.00	2.19	2.23	2.36	2.50	2.57	2.67	2.76	2.96	3.10	3.50	4.47	7.95
20	2.49	2.72	2.76	2.92	3.08	3.16	3.29	3.40	3.63	3.78	4.31	5.44	9.35
25	2.65	2.89	2.93	3.10	3.26	3.35	3.48	3.60	3.84	3.99	4.57	5.75	9.78
40	2.98	3.25	3.28	3.48	3.65	3.75	3.89	4.03	4.28	4.44	5.11	6.40	9.99
50	3.13	3.42	3.45	3.66	3.83	3.93	4.09	4.23	4.49	4.66	5.37	6.71	11.09
100	3.62	3.95	3.97	4.21	4.40	4.51	4.69	4.85	5.14	5.31	6.16	7.65	12.36
200	4.10	4.48	4.49	4.76	4.96	5.09	5.29	5.47	5.78	5.95	6.95	8.58	13.60
1000	5.23	5.71	5.70	6.04	6.26	6.43	6.68	6.91	7.26	7.44	8.77	10.71	16.38
10000	6.84	7.47	7.42	7.87	8.11	8.32	8.65	8.85	9.35	9.53	11.36	13.72	20.20
PMP	11.60	12.65	12.87	13.64	14.39	14.78	15.36	15.99	17.00	17.77	20.17	25.60	42.49
MEAN	1.092	1.192	1.212	1.285	1.356	1.392	1.447	1.497	1.602	1.674	1.900	2.411	4.557
CLOCK MR. COR.	1.340	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.770	2.472	2.833	2.447	1.995	1.945	1.522	1.410	1.211	1.025	1.322	1.990	1.000
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	13.537	12.860	14.752	12.402	9.744	9.343	6.785	6.221	5.521	4.999	5.156	4.182	3.593
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
RECORD MAXIMUM	3.050	3.270	3.730	3.910	3.910	3.910	3.910	3.920	3.980	3.980	4.080	5.200	10.400
NORMALIZED MAX	3.433	3.714	4.043	3.971	3.753	3.701	3.427	3.334	3.191	3.073	2.950	2.543	2.553
CALC. COEF. VAR	.522	.469	.514	.514	.502	.489	.497	.486	.465	.448	.455	.455	.455
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.2397	.2616	.2661	.2820	.2975	.3055	.3176	.3284	.3515	.3673	.4170	.5292	1.0000
RP10/A	.4399	.4800	.4898	.5190	.5468	.5635	.5858	.6098	.6497	.6802	.7691	.9800	1.7442
RP25/A	.5807	.6337	.6424	.6810	.7159	.7350	.7641	.7801	.8424	.8766	1.0031	1.2828	2.1465
RP50/A	.6872	.7499	.7574	.8029	.8408	.8633	.8975	.9281	.9857	1.0218	1.1763	1.4720	2.4340
RP100/A	.7937	.8662	.8721	.9243	.9649	.9807	1.0300	1.0651	1.1275	1.1650	1.3522	1.6784	2.7131
RP1000/A	1.1476	1.2523	1.2511	1.3261	1.3736	1.4103	1.4662	1.5161	1.5923	1.6319	1.9248	2.3510	3.5938
RP10000/A	1.5014	1.6384	1.6286	1.7263	1.7787	1.8262	1.8966	1.9633	2.0509	2.0903	2.4928	3.0115	4.4326
PMP/A	2.5448	2.7770	2.8244	2.9938	3.1593	3.2427	3.3713	3.4661	3.7311	3.8990	4.4259	5.6172	9.3250

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE				
A15 924 0	BLTYME SOF	267	32	065	23E	S	33.614	114.566	33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.98	1.06	1.10	1.11	1.17	1.19	1.21	1.25	1.35	1.42	1.51	1.76	3.36
5	1.69	1.83	1.90	1.92	2.01	2.06	2.08	2.16	2.32	2.44	2.59	3.02	5.28
10	2.23	2.41	2.50	2.53	2.62	2.69	2.72	2.82	3.01	3.15	3.39	3.90	6.81
20	2.77	3.00	3.09	3.12	3.23	3.31	3.35	3.47	3.69	3.84	4.17	4.75	7.65
25	2.95	3.18	3.26	3.31	3.42	3.50	3.55	3.68	3.90	4.06	4.42	5.02	8.01
40	3.31	3.58	3.67	3.72	3.83	3.92	3.97	4.12	4.35	4.51	4.94	5.59	8.18
50	3.49	3.77	3.86	3.91	4.01	4.10	4.17	4.32	4.58	4.73	5.19	5.86	9.09
100	4.03	4.35	4.45	4.50	4.61	4.72	4.78	4.96	5.22	5.39	5.96	6.68	10.12
200	4.57	4.93	5.03	5.09	5.20	5.33	5.40	5.60	5.87	6.05	6.72	7.49	11.14
1000	5.62	6.29	6.36	6.45	6.57	6.72	6.81	7.07	7.37	7.55	8.48	9.35	13.41
10000	7.62	8.23	8.36	8.40	8.56	8.71	8.82	9.15	9.50	9.68	10.98	11.98	16.34
PMP	12.91	13.95	14.40	14.57	15.10	15.46	15.66	16.25	17.28	18.05	19.50	22.35	34.80
MEAN	1.216	1.314	1.357	1.373	1.423	1.457	1.475	1.530	1.628	1.700	1.837	2.105	3.732
CLOCK MR. COR.	1.140	1.070	1.049	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.305	2.091	2.127	2.053	1.836	1.769	1.684	2.155	1.912	1.868	1.919	1.374	.710
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	4.507	8.395	9.055	8.625	7.689	7.480	7.171	9.744	8.461	8.369	8.694	5.819	3.366
N	62	62	62	62	62	62	62	62	62	62	62	62	62
RECORD YEAR	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
RECORD MAXIMUM	3.080	4.660	5.110	5.110	5.110	5.110	5.130	5.890	5.890	5.890	6.850	6.850	10.090
NORMALIZED MAX	2.403	3.730	3.967	3.966	3.901	3.871	3.890	4.159	3.951	3.861	4.131	3.610	3.132
CALC. COEF. VAR	.631	.647	.647	.647	.647	.647	.647	.647	.647	.647	.647	.647	.647
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.3260	.3521	.3635	.3676	.3812	.3903	.3952	.4101	.4362	.4556	.4922	.5642	1.0000
RP10/A	.5982	.6461	.6689	.6768	.7032	.7200	.7298	.7565	.8063	.8438	.9080	1.0448	1.7442
RP25/A	.7896	.8525	.8777	.8881	.9172	.9391	.9508	.9867	1.0453	1.0873	1.1843	1.3464	2.1465
RP50/A	.9345	1.0094	1.0348	1.0470	1.0773	1.1031	1.1168	1.1590	1.2232	1.2675	1.3910	1.5895	2.4368
RP100/A	1.0793	1.1658	1.1914	1.2055	1.2363	1.2659	1.2817	1.3301	1.3992	1.4451	1.5964	1.7895	2.7131
RP1000/A	1.5604	1.6855	1.7092	1.7294	1.7599	1.8026	1.8245	1.8933	1.9759	2.0243	2.2724	2.5066	3.5936
RP10000/A	2.6415	3.1533	3.2550	3.2513	3.2790	3.3336	3.3627	3.4520	3.5451	3.5930	3.9477	3.2109	4.4326
PMP/A	3.4663	4.1533	4.3586	4.3900	4.4667	4.5435	4.5822	4.7354	4.8301	4.8868	5.2261	5.9890	9.3550

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWN	LATITUDE	LONGITUDE	COUNTY	CODE			
A15 927 0	BLTYHE A P	9	390				33.617	114.717	17				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.91	.94	1.01	1.02	1.02	1.03	1.03	1.09	1.18	1.26	1.39	1.64	2.99
5	1.57	1.62	1.74	1.75	1.76	1.77	1.78	1.88	2.03	2.16	2.40	2.81	4.59
10	2.07	2.14	2.26	2.30	2.30	2.32	2.32	2.46	2.64	2.80	3.14	3.63	5.79
20	2.57	2.65	2.82	2.85	2.83	2.85	2.86	3.03	3.24	3.41	3.86	4.42	6.81
25	2.73	2.82	2.99	3.02	3.00	3.02	3.03	3.21	3.43	3.60	4.09	4.67	7.13
40	3.07	3.17	3.36	3.39	3.35	3.38	3.39	3.59	3.82	4.01	4.58	5.20	7.28
50	3.23	3.34	3.53	3.56	3.52	3.55	3.56	3.77	4.01	4.20	4.81	5.45	8.08
100	3.73	3.86	4.06	4.10	4.04	4.07	4.08	4.32	4.59	4.79	5.52	6.21	9.01
200	4.23	4.37	4.60	4.64	4.56	4.59	4.61	4.88	5.16	5.37	6.22	6.97	9.91
1000	5.39	5.57	5.83	5.88	5.75	5.80	5.81	6.16	6.46	6.71	7.85	8.70	11.93
10000	7.06	7.29	7.59	7.66	7.45	7.51	7.53	7.97	8.34	8.59	10.17	11.14	14.72
PMP	11.96	12.36	13.16	13.28	13.23	13.33	13.37	14.15	15.17	16.03	18.06	20.76	30.96
MEAN	1.127	1.165	1.240	1.251	1.246	1.256	1.259	1.333	1.429	1.510	1.701	1.958	3.320
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.680	1.854	2.031	2.139	2.126	2.111	2.059	2.264	2.502	2.374	2.424	1.989	1.300
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	6.370	5.385	6.775	9.373	9.351	9.324	6.680	14.050	11.022	10.312	9.696	7.840	4.744
N	36	36	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1940	1940	1952
RECORD MAXIMUM	3.000	3.000	4.260	4.480	4.480	4.480	4.480	5.920	5.920	5.920	6.650	6.850	10.070
NORMALIZED MAX	2.677	2.701	2.673	3.059	3.069	3.007	3.036	4.455	4.153	4.082	3.701	3.440	3.089
CALC. COEF. VAR	.621	.584	.603	.669	.664	.657	.666	.772	.756	.716	.786	.697	.858
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.3395	.3568	.3734	.3769	.3753	.3783	.3794	.4016	.4308	.4547	.5124	.5898	1.0000
RP10/A	.6429	.6636	.6870	.6935	.6922	.6979	.6997	.7408	.7959	.8421	.9451	1.0922	1.7442
RP25/A	.8223	.8496	.8815	.8919	.8912	.9019	.9027	.9662	1.0319	1.0852	1.2320	1.4075	2.1455
RP50/A	.9731	1.0055	1.0629	1.0728	1.0865	1.0891	1.0720	1.1349	1.2074	1.2630	1.4479	1.6406	2.4346
RP100/A	1.1239	1.1913	1.2237	1.2352	1.2171	1.2269	1.2303	1.3024	1.3812	1.4423	1.6017	1.8709	2.7131
RP1000/A	1.8250	1.8799	1.7587	1.7721	1.7325	1.7465	1.7511	1.8564	1.9504	2.0203	2.3654	2.6202	3.5936
RP10000/A	2.1290	2.1967	2.2054	2.2064	2.2435	2.2617	2.2670	2.4009	2.5122	2.5879	3.0631	3.3564	4.4326
PMP/A	3.6034	3.7233	3.9634	4.0004	3.9837	4.0159	4.0268	4.2631	4.5703	4.8270	5.4309	6.2605	9.3250

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB			STATION NAME		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE	
X17	2598	0	EAGLE MOUNTAIN PUMP		973	30	045	15E		S	33.800	115.450	33	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS		10	20	30	40	50	60	80	100	150	200	300	600	3650
2		.87	.93	.94	.93	.95	.98	.99	.94	1.09	1.15	1.18	1.34	2.32
5		1.51	1.61	1.62	1.61	1.64	1.69	1.71	1.61	1.88	1.97	2.03	2.29	3.64
10		1.99	2.13	2.13	2.12	2.14	2.20	2.23	2.11	2.44	2.55	2.69	2.95	4.49
20		2.47	2.64	2.63	2.62	2.64	2.71	2.75	2.59	2.99	3.11	3.26	3.60	5.28
25		2.63	2.81	2.79	2.78	2.80	2.87	2.91	2.75	3.16	3.29	3.45	3.81	5.53
40		2.95	3.15	3.13	3.12	3.13	3.21	3.26	3.07	3.52	3.66	3.86	4.24	6.05
50		3.11	3.32	3.29	3.28	3.29	3.37	3.42	3.23	3.70	3.83	4.06	4.44	6.27
100		3.59	3.83	3.79	3.77	3.77	3.87	3.93	3.70	4.23	4.37	4.66	5.06	6.99
200		4.07	4.38	4.29	4.27	4.25	4.37	4.43	4.18	4.76	4.90	5.25	5.68	7.69
1000		5.19	5.54	5.44	5.41	5.37	5.51	5.59	5.27	5.97	6.12	6.63	7.09	9.26
10000		6.79	7.25	7.08	7.05	6.95	7.14	7.24	6.83	7.69	7.84	8.58	9.08	11.42
PMP		11.92	12.29	12.28	12.22	12.34	12.67	12.85	12.12	13.99	14.63	15.24	16.94	24.01
MEAN		1.085	1.158	1.157	1.152	1.163	1.194	1.211	1.142	1.318	1.378	1.436	1.596	2.575
CLOCK NR. COR.		1.140	1.070	1.070	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW		2.612	2.618	1.919	1.690	1.841	1.724	1.645	3.304	1.705	1.723	1.734	1.494	1.838
REGIONAL SKEW		2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
SKEW USED		2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
KURTOSIS		12.652	8.787	8.382	8.350	8.296	7.808	7.532	2.596	7.830	7.600	7.773	6.076	3.499
N		30	30	30	30	30	30	30	29	30	30	30	30	30
RECORD YEAR		1972	1972	1972	1972	1972	1972	1972	1951	1972	1972	1972	1972	1972
RECORD MAXIMUM		4.000	4.000	4.000	4.000	4.020	4.020	4.030	2.330	4.450	4.700	4.700	4.700	4.700
NORMALIZED MAX		3.467	3.397	3.490	3.581	3.625	3.567	3.584	3.623	3.607	3.623	3.589	3.619	3.302
CALC. COEF. VAR		.775	.722	.704	.691	.678	.664	.650	.519	.656	.672	.646	.629	.560
REGN. COEF. VAR		.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR		.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A		.4213	.4497	.4493	.4472	.4515	.4636	.4701	.4438	.5119	.5351	.5575	.6196	1.0000
RP10/A		.7730	.8252	.8268	.8228	.8329	.8551	.8671	.8180	.9463	.9909	1.0283	1.1474	1.7442
RP25/A		1.0206	1.0893	1.0849	1.0797	1.0864	1.1153	1.1310	1.0669	1.2268	1.2769	1.3412	1.4786	2.1485
RP50/A		1.2076	1.2891	1.2791	1.2729	1.2760	1.3100	1.3284	1.2532	1.4355	1.4884	1.5753	1.7236	2.4346
RP100/A		1.3468	1.4889	1.4727	1.4655	1.4644	1.5034	1.5246	1.4362	1.6421	1.6971	1.8079	1.9552	2.7131
RP1000/A		2.6168	2.1526	2.1128	2.1024	2.0845	2.1400	2.1702	2.0472	2.3185	2.3772	2.5735	2.7927	3.5936
RP10000/A		2.6393	2.8193	2.7503	2.7370	2.6994	2.7713	2.8104	2.6511	2.9869	3.0451	3.3327	3.5261	4.4326
PMP/A		4.4717	4.7734	4.7696	4.7466	4.7930	4.9207	4.9901	4.7074	5.4339	5.6798	5.9175	6.5770	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB X18 3855 0	STATION NAME HAYFIELD PUMP	ELEV 175	SEC 1370	TWP 26	RNG LOT 055 13E	BWM S	LATITUDE 33.700	LONGITUDE 115.633	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.77	.96	1.02	1.04	1.09	1.10	1.11	1.14	1.22	1.28	1.38	1.67	2.90
5	1.34	1.66	1.76	1.80	1.87	1.89	1.91	1.96	2.10	2.19	2.37	2.85	4.56
10	1.77	2.20	2.31	2.38	2.45	2.47	2.49	2.56	2.73	2.83	3.10	3.69	5.63
20	2.20	2.73	2.86	2.91	3.01	3.03	3.07	3.15	3.35	3.45	3.81	4.49	6.81
25	2.34	2.90	3.03	3.09	3.19	3.22	3.25	3.34	3.54	3.65	4.04	4.75	6.92
40	2.63	3.26	3.40	3.47	3.57	3.60	3.64	3.74	3.95	4.06	4.52	5.29	7.07
50	2.76	3.43	3.57	3.65	3.75	3.78	3.82	3.93	4.15	4.25	4.75	5.54	7.85
100	3.19	3.96	4.11	4.20	4.30	4.33	4.36	4.51	4.74	4.85	5.45	6.31	8.75
200	3.62	4.50	4.65	4.75	4.85	4.89	4.95	5.08	5.33	5.43	6.15	7.08	9.62
1000	4.62	5.73	5.95	6.02	6.12	6.17	6.24	6.41	6.70	6.79	7.76	8.84	11.59
10000	6.04	7.50	7.68	7.84	7.93	7.99	8.08	8.31	8.63	8.69	10.05	11.33	14.30
PMP	10.24	12.71	13.33	13.59	14.08	14.19	14.35	14.75	15.69	16.22	17.84	21.13	30.07
MEAN	.964	1.197	1.255	1.281	1.327	1.337	1.352	1.389	1.478	1.528	1.681	1.991	3.225
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.139	3.260	3.368	3.276	2.999	2.977	2.947	2.874	2.543	2.389	3.847	3.065	2.013
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	9.611	16.997	17.752	17.349	15.673	15.530	15.240	14.783	12.622	11.763	21.694	16.414	8.711
N	36	36	36	36	36	36	36	36	36	36	36	36	36
RECORD YEAR	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
RECORD MAXIMUM	3.080	5.550	5.550	5.550	5.550	5.550	5.970	5.970	5.970	5.970	8.800	8.800	11.290
NORMALIZED MAX	3.384	4.412	4.625	4.714	4.651	4.639	4.675	4.631	4.454	4.347	5.129	4.765	3.936
CALC. COEF. VAR	.639	.824	.808	.773	.749	.744	.731	.712	.682	.669	.826	.718	.635
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.2991	.3712	.3693	.3971	.4113	.4145	.4192	.4308	.4584	.4737	.5211	.6173	1.0000
RP10/A	.5488	.6812	.7163	.7307	.7587	.7645	.7732	.7947	.8474	.8702	.9612	1.1432	1.7442
RP25/A	.7244	.8993	.9399	.9688	.9986	.9972	1.0085	1.0366	1.0988	1.1374	1.2937	1.4731	2.1465
RP50/A	.8573	1.0642	1.1081	1.1304	1.1524	1.1712	1.1845	1.2175	1.2855	1.3177	1.4782	1.7172	2.4346
RP100/A	.9902	1.2292	1.2788	1.3041	1.3440	1.3642	1.3894	1.3973	1.4700	1.5024	1.6899	1.9579	2.7131
RP1000/A	1.4316	1.7771	1.8304	1.8672	1.8969	1.9134	1.9351	1.9890	2.0767	2.1044	2.4056	2.7425	3.9938
RP10000/A	1.8730	2.3251	2.3827	2.4306	2.4590	2.4778	2.5059	2.5757	2.6749	2.6957	3.1152	3.5130	4.4326
PMP/A	3.1746	3.9468	4.1321	4.2152	4.3663	4.3996	4.4496	4.5734	4.8662	5.0282	5.9314	6.5526	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB X19 489 0	STATION NAME BANNING	ELEV 2380	SEC 09	TWP 035	RNG LOT 01E	BWM 5	LATITUDE 33.929	LONGITUDE 116.876	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.07	2.66	2.93	3.16	3.37	3.51	3.62	4.08	4.56	4.96	5.67	7.76	14.77
5	3.58	4.61	5.06	5.46	5.80	6.06	6.59	7.04	7.83	8.49	9.77	13.29	23.26
10	4.73	6.08	6.64	7.16	7.57	7.91	8.61	9.19	10.18	10.97	12.76	17.18	28.62
20	5.67	7.36	8.21	8.86	9.32	9.73	10.59	11.31	12.47	13.37	15.70	20.94	33.66
25	6.24	8.03	8.71	9.40	9.88	10.32	11.23	11.99	13.20	14.13	16.64	22.13	35.22
40	7.52	9.63	9.77	10.54	11.05	11.54	12.56	13.41	14.72	15.72	18.46	24.31	39.11
50	7.99	9.90	10.27	11.08	11.60	12.12	13.19	14.09	15.48	16.47	19.55	25.80	39.95
100	8.53	10.98	11.62	12.76	13.32	13.91	15.13	16.16	17.66	18.78	22.44	29.42	44.52
200	9.68	12.45	13.37	14.43	15.02	15.69	17.07	18.23	19.67	21.07	25.31	33.00	48.07
1000	12.33	15.87	16.96	18.30	18.95	19.66	21.54	23.01	24.94	26.31	31.94	41.21	58.97
10000	16.14	20.76	22.08	23.82	24.55	25.64	27.90	29.60	32.13	33.70	41.36	52.78	72.73
PMP	27.35	35.19	38.28	41.32	43.58	45.52	49.54	52.91	58.45	62.66	73.44	98.46	153.01
MEAN	2.577	3.315	3.607	3.692	4.106	4.288	4.667	4.984	5.507	5.922	6.918	9.275	16.409
CLOCK HR. COR.	1.140	1.070	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.229	1.228	1.247	1.386	1.296	1.275	1.437	1.463	1.397	1.242	.959	1.142	1.833
REGIONAL SKEW	2.000	2.000	1.900	1.800	1.800	1.800	1.800	1.800	1.700	1.600	1.400	1.100	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.400	1.100	1.100
KURTOSIS	9.516	4.507	4.743	5.107	4.572	4.305	5.478	6.003	5.891	5.295	3.897	4.426	3.134
N	53	53	53	53	53	53	53	53	53	53	53	53	53
RECORD YEAR	1927	1927	1927	1927	1927	1927	1922	1922	1922	1922	1922	1937	1937
RECORD MAXIMUM	7.000	8.200	9.450	10.500	10.500	10.600	13.470	14.600	15.450	16.100	16.310	22.400	30.180
NORMALIZED MAX	3.464	3.684	3.746	3.920	3.865	3.987	3.883	3.761	3.728	3.653	3.689	3.942	2.245
CALC. COEF. VAR	.498	.484	.496	.518	.531	.517	.526	.510	.484	.475	.439	.465	.376
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.1570	.2020	.2198	.2372	.2502	.2614	.2644	.3038	.3356	.3609	.4216	.5652	1.0000
RP10/A	.2882	.3707	.4004	.4365	.4616	.4921	.5246	.5503	.6203	.6684	.7777	1.0408	1.7442
RP25/A	.3864	.4894	.5107	.5402	.5628	.5891	.6246	.6503	.7403	.7884	.9014	1.3689	2.1485
RP50/A	.4592	.5791	.6257	.6753	.7071	.7395	.8037	.8594	.9411	1.0040	1.1914	1.5724	2.4366
RP100/A	.5519	.6869	.7204	.7774	.8115	.8476	.9224	.9851	1.0765	1.1447	1.3673	1.7928	2.7131
RP1000/A	.7817	.9671	1.0335	1.1154	1.1552	1.2005	1.3130	1.4023	1.5202	1.6034	1.9463	2.5112	3.5936
RP10000/A	.9835	1.2652	1.3684	1.4519	1.4959	1.5624	1.7002	1.8159	1.9581	2.0539	2.5205	3.2168	4.4329
PMP/A	1.6670	2.1445	2.3332	2.5180	2.6562	2.7743	3.0170	3.2244	3.5623	3.8310	4.4754	6.0001	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. 85N ORDER SUB X19 1250 0	STATION NAME CARAZON	ELEV 1815	SEC 16	TWP 035	RNG LOT 02E	BWM 5	LATITUDE 33.917	LONGITUDE 116.783	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.69	2.09	2.29	2.46	2.68	2.78	2.97	3.17	3.45	3.75	4.44	6.06	16.31
5	2.93	3.61	3.96	4.24	4.61	4.76	5.13	5.47	5.93	6.41	7.65	10.42	16.50
10	3.66	4.77	5.20	5.57	6.03	6.25	6.69	7.14	7.70	8.29	9.99	13.46	20.36
20	4.79	6.42	6.62	6.89	7.42	7.69	8.24	8.78	9.43	10.10	12.29	16.41	23.95
25	5.10	6.49	6.82	7.31	7.66	7.95	8.73	9.31	9.98	10.68	13.03	17.35	25.66
40	5.73	7.08	7.64	8.20	8.79	9.11	9.77	10.41	11.13	11.86	14.57	19.30	25.61
50	6.03	7.45	8.04	8.62	9.23	9.57	10.26	10.94	11.68	12.45	15.30	20.22	26.42
100	6.96	8.60	9.25	9.93	10.60	10.98	11.77	12.55	13.36	14.19	17.56	23.05	31.68
200	7.90	9.76	10.47	11.23	11.95	12.39	13.26	14.16	15.03	15.92	19.81	25.66	34.84
1000	10.67	12.44	13.28	14.24	15.08	15.63	16.75	17.87	18.67	19.68	25.00	32.29	41.96
10000	13.17	16.27	17.28	18.54	19.53	20.24	21.69	23.14	24.30	25.46	32.37	41.37	51.75
PMP	22.33	27.58	29.97	32.15	34.68	35.95	38.52	41.06	44.21	47.50	57.48	77.16	108.67
MEAN	2.103	2.598	2.823	3.028	3.267	3.366	3.629	3.870	4.164	4.474	5.415	7.269	11.675
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.506	1.865	1.679	1.368	1.120	1.153	1.225	1.388	1.397	1.151	1.145	1.018	1.154
REGIONAL SKEW	2.000	2.000	1.900	1.800	1.800	1.800	1.800	1.800	1.700	1.600	1.400	1.100	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.400	1.100	1.100
KURTOSIS	6.323	7.737	7.005	5.913	4.401	5.129	5.390	6.377	6.097	4.756	4.549	7.803	4.461
N	29	29	29	29	28	29	29	29	29	29	29	29	31
RECORD YEAR	1956	1966	1966	1966	1966	1966	1966	1966	1966	1966	1969	1969	1969
RECORD MAXIMUM	4.830	7.430	8.210	8.610	8.610	9.190	10.140	11.490	12.070	12.070	13.750	22.660	26.110
NORMALIZED MAX	2.631	3.114	3.187	3.136	2.888	3.034	3.106	3.313	3.136	2.862	2.641	3.917	2.626
CALC. COEF. VAR	.493	.597	.599	.568	.566	.565	.578	.594	.605	.593	.583	.602	.498
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.1602	.2225	.2416	.2594	.2799	.2906	.3106	.3315	.3567	.3832	.4636	.6226	1.0000
RP10/A	.3306	.4463	.4450	.4773	.5162	.5350	.5733	.6114	.6594	.7047	.8555	1.1529	1.7442
RP25/A	.4364	.5390	.5393	.5653	.6073	.6076	.6746	.7075	.7548	.7916	1.1156	1.4057	2.1405
RP50/A	.5105	.6379	.6684	.7364	.7708	.8196	.8784	.9367	1.0061	1.0661	1.3106	1.7318	2.4366
RP100/A	.5965	.7367	.7726	.8501	.8707	.9406	1.0080	1.0750	1.1442	1.2150	1.5041	1.9781	2.7131
RP1000/A	.8624	1.0651	1.1371	1.2196	1.2919	1.3396	1.4349	1.5302	1.6156	1.6727	2.1412	2.7659	3.5936
RP10000/A	1.1264	1.3936	1.4602	1.5877	1.6730	1.7339	1.8582	1.9816	2.0613	2.1610	2.7726	3.5403	4.4326
PMP/A	1.9125	2.3620	2.5670	2.7934	2.9767	3.0786	3.2994	3.5166	3.7663	4.0682	4.9231	6.6006	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB X19 1587 5	STATION NAME CATHEDRAL CITY SOF	ELEV 320	SEC 33	TWP 04S	RNG LOT 05E	BWM 5	LATITUDE 33.781	LONGITUDE 116.464	COUNTY CODE 33	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300
2	.67	.97	.98	1.00	1.08	1.11	1.15	1.19	1.19	1.34
5	1.50	1.68	1.70	1.73	1.85	1.92	1.98	2.06	2.09	2.29
10	1.98	2.21	2.23	2.27	2.42	2.51	2.58	2.68	2.66	3.36
20	2.47	2.75	2.76	2.81	2.98	3.08	3.18	3.30	3.26	3.61
25	2.62	2.92	2.93	2.98	3.16	3.27	3.37	3.50	3.45	3.82
40	2.95	3.29	3.28	3.34	3.53	3.66	3.77	3.92	3.85	4.25
50	3.10	3.46	3.45	3.51	3.71	3.84	3.96	4.11	4.04	4.51
100	3.58	4.00	3.97	4.05	4.26	4.40	4.54	4.72	4.62	5.07
200	4.05	4.53	4.49	4.58	4.82	4.97	5.12	5.32	5.20	5.69
1000	5.18	5.78	5.70	5.80	6.06	6.27	6.46	6.72	6.53	7.18
10000	6.77	7.56	7.42	7.55	7.85	8.12	8.37	8.70	8.40	9.30
PMP	11.48	12.61	12.87	13.10	13.94	14.42	14.86	15.45	15.29	16.97
MEAN	1.082	1.207	1.212	1.234	1.313	1.358	1.400	1.455	1.440	1.599
CLOCK MR. COR.	1.140	1.070	1.080	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.077	.680	.526	.369	.392	.335	.761	.885	.859	.731
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600
KURTOSIS	5.356	3.312	2.992	2.825	2.713	2.814	3.742	4.341	3.493	3.454
RECORD YEAR	26	26	26	26	25	25	25	25	24	26
RECORD MAXIMUM	2.640	2.640	2.640	2.640	2.730	2.730	3.380	3.680	3.300	3.770
NORMALIZED MAX	2.303	2.151	2.162	2.174	1.999	1.991	2.599	2.774	2.441	2.426
CALC. COEF. VAR	.625	.552	.545	.542	.540	.507	.553	.551	.537	.560
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.3089	.3447	.3461	.3525	.3790	.3879	.3997	.4156	.4114	.4566
RP10/A	.5669	.6325	.6369	.6486	.6917	.7155	.7373	.7666	.7604	.8456
RP25/A	.7483	.8350	.8357	.8510	.9022	.9333	.9617	.9999	.9859	1.0896
RP50/A	.8895	.9882	.9853	1.0034	1.0596	1.0962	1.1295	1.1744	1.1536	1.2701
RP100/A	1.0286	1.1413	1.1344	1.1552	1.2161	1.2586	1.2943	1.3478	1.3196	1.4482
RP1000/A	1.4787	1.6501	1.6276	1.6574	1.7311	1.7907	1.8492	1.9185	1.8635	2.0285
RP10000/A	1.9347	2.1589	2.1186	2.1574	2.2417	2.3190	2.3896	2.4845	2.4003	2.5985
PMP/A	3.2792	3.6592	3.6742	3.7415	3.9804	4.1176	4.2429	4.4115	4.3667	4.8468

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB X19 2405 0	STATION NAME DESERT MT SPRINGS	ELEV 1080	SEC 30	TWP 02S	RNG LOT 05E	BWM 5	LATITUDE 33.962	LONGITUDE 116.502	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	300	600	3650	
2	.94	1.08	1.11	1.15	1.20	1.24	1.31	1.35	1.41	1.54	1.74	2.28	3.70
5	1.63	1.86	1.93	1.99	2.06	2.13	2.26	2.33	2.43	2.64	3.01	3.90	5.01
10	2.15	2.44	2.53	2.62	2.70	2.79	2.95	3.04	3.15	3.41	3.92	5.04	7.17
20	2.67	3.05	3.13	3.24	3.32	3.43	3.63	3.74	3.86	4.16	4.82	6.15	8.43
25	2.83	3.25	3.32	3.43	3.52	3.63	3.84	3.97	4.09	4.40	5.11	6.50	9.62
40	3.19	3.65	3.72	3.85	3.93	4.06	4.30	4.44	4.56	4.89	5.72	7.23	10.81
50	3.35	3.84	3.91	4.05	4.13	4.27	4.52	4.66	4.78	5.13	6.00	7.57	10.10
100	3.87	4.44	4.50	4.66	4.74	4.90	5.18	5.35	5.47	5.84	6.89	8.63	11.15
200	4.39	5.03	5.09	5.27	5.35	5.52	5.85	6.03	6.15	6.56	7.77	9.68	12.27
1000	5.60	6.41	6.46	6.69	6.75	6.97	7.38	7.61	7.73	8.19	9.80	11.80	14.90
10000	7.33	8.39	8.41	8.70	8.74	9.03	9.55	9.86	9.95	10.49	12.70	15.49	18.22
PMP	12.42	14.22	14.59	15.10	15.52	16.03	16.96	17.51	18.10	19.56	22.55	28.89	36.33
MEAN	1.170	1.340	1.374	1.422	1.462	1.510	1.598	1.649	1.705	1.843	2.124	2.722	4.110
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.072	.592	.366	1.003	.927	.757	1.031	1.160	1.004	.819	.733	1.503	.537
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
KURTOSIS	4.084	4.015	3.686	5.177	4.826	4.612	4.612	5.205	4.522	3.162	3.940	6.402	2.839
RECORD YEAR	1966	1958	1958	1974	1974	1974	1966	1966	1966	1966	1966	1966	1966
RECORD MAXIMUM	2.090	2.530	2.570	3.200	3.200	3.080	4.040	4.040	4.040	4.780	5.750	8.330	12.400
NORMALIZED MAX	1.885	2.266	2.248	2.823	2.789	2.721	2.731	2.705	2.705	2.911	3.667	3.219	2.266
CALC. COEF. VAR	.417	.392	.387	.443	.426	.411	.472	.490	.490	.497	.471	.540	.555
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.2846	.3260	.3343	.3460	.3597	.3674	.3888	.4013	.4149	.4483	.5168	.6253	1.0000
RP10/A	.5223	.5982	.6151	.6367	.6561	.6777	.7172	.7402	.7670	.8303	.9534	1.2624	2.1460
RP25/A	.6895	.7897	.8072	.8354	.8637	.8939	.9343	.9654	.9944	1.0899	1.3435	1.8905	2.4005
RP50/A	.8159	.9346	.9517	.9850	1.0051	1.0382	1.0968	1.1339	1.1636	1.2472	1.4695	1.8623	2.4046
RP100/A	.9424	1.0794	1.0957	1.1340	1.1534	1.1915	1.2510	1.3014	1.3310	1.4220	1.6762	2.2035	2.7131
RP1000/A	1.3625	1.5606	1.5719	1.6270	1.6419	1.6960	1.7950	1.8525	1.8797	1.9919	2.3860	2.9423	3.5938
RP10000/A	1.7926	2.0418	2.0462	2.1175	2.1252	2.1963	2.3245	2.3989	2.4211	2.5515	3.0899	3.7689	4.4326
PMP/A	3.0213	3.4608	3.5487	3.6729	3.7754	3.8990	4.1274	4.2595	4.4045	4.7592	5.8863	7.0300	9.3250

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
X19 4258 11	INDIO SFO	8	26	09S	07E	5	33.713	116.223	33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.66	.73	.70	.74	.75	.76	.80	.86	.90	.94	1.02	1.29	2.14
5	1.13	1.26	1.21	1.27	1.30	1.31	1.38	1.46	1.54	1.61	1.76	2.21	3.36
10	1.52	1.67	1.59	1.67	1.69	1.70	1.81	1.94	2.00	2.08	2.30	2.65	4.14
20	1.88	2.07	1.97	2.07	2.08	2.10	2.22	2.38	2.45	2.54	2.83	3.48	4.87
25	2.00	2.20	2.09	2.20	2.21	2.22	2.35	2.53	2.60	2.68	3.00	3.68	5.10
40	2.25	2.47	2.34	2.46	2.47	2.49	2.63	2.83	2.90	2.99	3.35	4.09	5.21
50	2.37	2.60	2.49	2.59	2.60	2.62	2.77	2.97	3.04	3.13	3.52	4.28	5.78
100	2.73	3.01	2.83	2.98	2.98	3.00	3.17	3.41	3.47	3.57	4.00	4.89	6.44
200	3.10	3.41	3.20	3.37	3.36	3.38	3.58	3.84	3.91	4.00	4.56	5.48	7.09
1000	3.95	4.39	4.06	4.28	4.24	4.27	4.52	4.85	4.91	5.00	5.75	6.85	8.53
10000	5.17	5.69	5.29	5.37	5.48	5.52	5.85	6.28	6.32	6.40	7.45	8.77	10.52
PMP	8.77	9.64	9.17	9.65	9.74	9.81	10.39	11.15	11.50	11.94	13.22	16.36	22.14
MEAN	.826	.999	.864	.999	.917	.924	.979	1.050	1.083	1.125	1.246	1.541	2.374
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.422	1.484	1.850	1.599	1.489	1.473	1.311	1.017	1.060	.861	.648	1.181	.309
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
KURTOSIS	2.648	7.037	9.108	6.445	6.072	6.038	5.169	3.679	3.705	3.200	2.990	4.383	2.668
RECORD YEAR	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD MAXIMUM	1.560	2.500	2.600	2.600	2.600	2.600	2.690	2.690	2.780	2.810	2.810	4.170	5.010
NORMALIZED MAX	1.586	2.953	3.300	2.890	2.879	2.879	2.786	2.426	2.469	2.377	2.093	2.315	2.032
CALC. COEF. VAR	.550	.393	.647	.643	.647	.631	.626	.643	.635	.630	.599	.678	.546
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.3479	.3827	.3640	.3831	.3864	.3893	.4122	.4423	.4561	.4737	.5247	.6492	1.0000
RP10/A	.6384	.7023	.6697	.7049	.7128	.7180	.7604	.8158	.8432	.8772	.9679	1.2022	1.7442
RP25/A	.8428	.9270	.8788	.9249	.9297	.9365	.9917	1.0640	1.0931	1.1304	1.2625	1.5492	2.1465
RP50/A	.9974	1.0971	1.0361	1.0905	1.0920	1.1000	1.1650	1.2498	1.2791	1.3176	1.4829	1.8058	2.4346
RP100/A	1.1519	1.2671	1.1929	1.2555	1.2532	1.2624	1.3370	1.4343	1.4632	1.5024	1.7018	2.0590	2.7131
RP1000/A	1.6655	1.8320	1.7114	1.8013	1.7839	1.7970	1.9031	2.0417	2.0662	2.1044	2.4225	2.8841	3.9938
RP10000/A	2.1790	2.3938	2.2278	2.3448	2.3101	2.3270	2.4643	2.6439	2.6614	2.6957	3.1370	3.6944	4.9320
PMP/A	3.6932	4.6824	3.8634	4.0664	4.1018	4.1319	4.3760	4.6946	4.8418	5.0281	5.5702	6.8910	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB X19 4259 0	STATION NAME INDIO	ELEV 8	SEC 26	TWP 05S	RNG LOT 07E 5	BWM 33.713	LATITUDE 116.224	LONGITUDE 33	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.90	1.01	1.03	1.03	1.05	1.07	1.12	1.15	1.21	1.29	1.39	1.66	2.81
5	1.57	1.75	1.78	1.77	1.81	1.85	1.93	1.98	2.08	2.21	2.40	2.85	4.42
10	2.07	2.34	2.33	2.36	2.40	2.45	2.58	2.67	2.71	2.84	3.13	3.68	5.45
20	2.57	2.86	2.89	2.90	2.90	2.97	3.10	3.18	3.31	3.49	3.85	4.49	6.41
25	2.73	3.04	3.07	3.08	3.08	3.14	3.29	3.37	3.51	3.69	4.08	4.74	6.71
40	3.07	3.42	3.44	3.43	3.44	3.52	3.67	3.77	3.91	4.10	4.56	5.28	6.85
50	3.23	3.62	3.62	3.60	3.62	3.69	3.86	3.96	4.11	4.30	4.79	5.53	7.61
100	3.73	4.16	4.16	4.15	4.15	4.24	4.43	4.54	4.70	4.90	5.50	6.31	8.48
200	4.23	4.72	4.71	4.69	4.68	4.78	5.00	5.12	5.28	5.50	6.20	7.07	9.32
1000	5.39	6.02	5.97	5.95	5.91	6.03	6.36	6.46	6.63	6.87	7.83	8.93	11.23
10000	7.06	7.87	7.77	7.75	7.65	7.81	8.16	8.37	8.54	8.80	10.14	11.31	13.65
PMP	11.96	13.34	13.48	13.44	13.58	13.87	14.49	14.86	15.54	16.41	18.00	21.10	29.13
MEAN	1.127	1.257	1.270	1.266	1.280	1.307	1.365	1.400	1.464	1.546	1.696	1.968	3.124
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	3.449	2.805	2.595	2.513	2.445	2.366	2.109	2.008	1.898	2.114	2.555	1.740	1.098
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.600	1.600	1.100
KURTOSIS	20.809	15.924	14.284	13.763	13.460	12.206	10.852	10.229	9.456	11.574	15.023	9.959	9.506
RECORD YEAR	73	73	73	73	73	73	73	73	73	72	72	73	77
RECORD MAXIMUM	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
NORMALIZED MAX	6.450	6.780	6.780	6.780	6.780	6.780	6.780	6.980	7.060	7.060	8.960	9.960	11.200
CALC. COEF. VAR	5.136	5.165	5.136	5.136	5.136	5.136	5.036	4.836	4.536	5.136	5.996	4.897	4.112
REGN. COEF. VAR	.920	.850	.836	.827	.811	.813	.787	.776	.768	.770	.773	.716	.632
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.3606	.4022	.4065	.4033	.4095	.4192	.4371	.4491	.4686	.4947	.5428	.6363	1.0000
RP10/A	.6817	.7391	.7479	.7534	.7554	.7714	.8062	.8265	.8662	.9162	1.0013	1.1784	1.7442
RP25/A	.9734	.9786	.9786	.9883	.9883	.9883	1.0232	1.0535	1.0835	1.1035	1.2096	1.5066	2.1465
RP50/A	1.0337	1.1531	1.1571	1.1530	1.1573	1.1816	1.2351	1.2662	1.3140	1.3762	1.5340	1.7701	2.4346
RP100/A	1.1939	1.3318	1.3322	1.3284	1.3282	1.3503	1.4174	1.4531	1.5031	1.5692	1.7805	2.0183	2.7131
RP1000/A	1.7261	1.9255	1.9113	1.9039	1.8966	1.9307	2.0176	2.0884	2.1227	2.1980	2.5080	2.8270	3.9938
RP10000/A	2.5192	2.8080	2.8008	2.7989	2.7989	2.8493	2.9341	3.0126	3.0816	3.1496	3.6252	3.6251	4.9320
PMP/A	3.8276	4.2699	4.3147	4.3025	4.3473	4.4394	4.6393	4.7581	4.9740	5.2516	5.7622	6.7547	9.3250

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB X19 4782 11	STATION NAME LA QUINTA SDF	ELEV 85	SEC 06	TWP 06S	RND LOT 16E	BWM 5	LATITUDE 33.674	LONGITUDE 116.291	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.76	.80	.78	.87	.89	.90	.92	.97	1.00	1.05	1.12	1.36	2.30
5	1.31	1.38	1.35	1.50	1.54	1.56	1.59	1.67	1.72	1.79	1.93	2.33	3.61
10	1.73	1.82	1.78	1.96	2.01	2.04	2.08	2.18	2.23	2.31	2.53	3.01	4.45
20	2.14	2.26	2.20	2.43	2.48	2.51	2.56	2.69	2.73	2.82	3.11	3.67	5.24
25	2.20	2.40	2.33	2.58	2.62	2.66	2.71	2.85	2.89	2.98	3.29	3.88	5.48
40	2.58	2.70	2.62	2.89	2.93	2.97	3.03	3.19	3.23	3.32	3.68	4.32	5.60
60	2.70	2.85	2.78	3.08	3.11	3.15	3.18	3.35	3.38	3.47	3.87	4.53	6.22
100	3.11	3.29	3.17	3.50	3.54	3.58	3.65	3.84	3.87	3.96	4.44	5.16	6.93
200	3.53	3.73	3.58	3.96	3.99	4.04	4.12	4.33	4.36	4.44	5.01	5.79	7.62
1000	4.50	4.75	4.55	5.02	5.03	5.09	5.20	5.47	5.47	5.55	6.32	7.23	9.18
10000	5.89	6.22	5.92	6.53	6.52	6.60	6.73	7.08	7.04	7.11	8.18	9.26	11.32
PMP	9.98	10.54	10.26	11.33	11.57	11.72	11.98	12.57	12.82	13.26	14.53	17.27	23.82
MEAN	.941	.993	.967	1.067	1.090	1.104	1.126	1.185	1.207	1.249	1.369	1.627	2.554
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.330	1.013	1.723	1.754	1.652	1.610	1.436	1.126	1.073	1.081	.908	1.203	.694
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	4.483	3.796	7.141	6.112	5.941	5.962	5.038	4.084	3.659	3.555	3.392	4.514	2.689
N	22	22	21	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1968	1968	1968	1974	1974	1974	1974	1974	1974	1974	1974	1966	1966
RECORD MAXIMUM	1.980	1.990	2.450	2.820	2.840	2.840	2.840	2.840	2.840	2.840	2.840	4.270	4.550
NORMALIZED MAX	1.964	2.088	2.981	2.764	2.795	2.799	2.705	2.524	2.401	2.329	2.200	2.776	1.888
CALC. COEF. VAR	.563	.486	.515	.594	.574	.562	.562	.554	.563	.547	.488	.585	.418
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.3682	.3887	.3785	.4179	.4269	.4321	.4410	.4638	.4737	.4891	.5360	.6371	1.0000
RP10/A	.6757	.7132	.6964	.7689	.7875	.7971	.8135	.8555	.8738	.9057	.9888	1.1799	1.7442
RP25/A	.8920	.9414	.9139	1.0690	1.0271	1.0396	1.0810	1.1188	1.1328	1.1671	1.2897	1.5205	2.1465
RP50/A	1.0556	1.1141	1.0774	1.1895	1.2084	1.2211	1.2462	1.3106	1.3255	1.3604	1.5148	1.7723	2.4346
RP100/A	1.2192	1.2868	1.2405	1.3696	1.3845	1.4014	1.4302	1.5041	1.5163	1.5512	1.7384	2.0208	2.7131
RP1000/A	1.7627	1.8605	1.7797	1.9649	1.9708	1.9948	2.0359	2.1410	2.1412	2.1727	2.4746	2.8306	3.5938
RP10000/A	2.3062	2.4341	2.3187	2.5578	2.5521	2.5835	2.6840	2.7728	2.7580	2.7832	3.2046	3.6588	4.4326
PMP/A	3.9086	4.1256	4.0177	4.4357	4.5315	4.5869	4.6813	4.9231	5.0175	5.1913	5.6900	6.7631	9.3290

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB X19 5863 0	STATION NAME MORONGO VALLEY	ELEV 2580	SEC 28	TWP 01S	RND LOT 04E	BWM 5	LATITUDE 34.050	LONGITUDE 116.567	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.82	2.08	2.17	2.26	2.33	2.46	2.70	2.77	2.92	3.12	3.56	4.50	7.26
5	3.15	3.60	3.75	3.91	4.01	4.24	4.85	4.77	5.02	5.34	6.14	7.70	11.41
10	4.16	4.75	4.93	5.13	5.24	5.54	6.07	6.23	6.52	6.90	8.02	9.95	14.07
20	5.16	5.90	6.09	6.34	6.45	6.82	7.47	7.67	7.99	8.41	9.87	12.13	16.55
25	5.49	6.27	6.47	6.73	6.83	7.22	7.92	8.13	8.46	8.89	10.48	12.92	17.32
40	6.17	7.04	7.25	7.55	7.64	8.08	8.85	9.09	9.44	9.89	11.70	14.27	17.69
50	6.49	7.41	7.63	7.93	8.02	8.49	9.30	9.54	9.90	10.36	12.29	14.95	19.64
100	7.50	8.58	8.78	9.13	9.21	9.74	10.67	10.95	11.32	11.82	14.11	17.04	21.89
200	8.50	9.71	9.93	10.33	10.39	10.98	12.04	12.36	12.74	13.25	15.91	19.12	24.08
1000	10.84	12.38	12.60	13.10	13.11	13.86	15.19	15.59	15.99	16.55	20.08	23.87	28.99
10000	14.18	16.20	16.40	17.06	16.97	17.95	19.67	20.19	20.59	21.20	26.00	30.38	35.76
PMP	24.04	27.46	28.43	29.58	30.14	31.87	34.93	35.85	37.47	39.54	46.17	57.03	75.23
MEAN	2.265	2.587	2.679	2.787	2.839	3.003	3.290	3.377	3.530	3.725	4.350	5.373	8.068
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.354	1.862	1.594	1.349	1.493	1.615	1.744	1.803	1.830	1.702	1.607	1.490	1.215
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	9.689	6.473	5.508	4.333	4.873	5.631	5.982	6.287	6.475	5.943	5.721	6.014	4.721
N	23	23	23	23	23	23	23	23	23	23	23	23	23
RECORD YEAR	1966	1966	1966	1966	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	7.310	7.430	7.430	7.430	8.220	8.290	10.010	10.470	11.230	12.050	13.110	14.540	20.730
NORMALIZED MAX	2.937	2.599	2.857	2.407	2.805	2.682	2.661	2.746	2.843	2.874	2.811	2.947	2.825
CALC. COEF. VAR	.758	.720	.694	.692	.727	.731	.767	.765	.767	.777	.716	.705	.556
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.595
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.595
MEAN/A	.2807	.3206	.3320	.3454	.3519	.3722	.4078	.4186	.4375	.4617	.5391	.6660	1.0000
RP10/A	.5151	.5883	.6109	.6350	.6492	.6852	.7523	.7687	.8087	.8551	.9945	1.2332	1.7442
RP25/A	.6799	.7760	.8040	.8467	.8695	.9082	1.0072	1.0485	1.0109	1.0771	1.2971	1.5893	2.1465
RP50/A	.8047	.9191	.9451	.9833	.9945	1.0518	1.1525	1.1830	1.2268	1.2044	1.5235	1.8526	2.4346
RP100/A	.9294	1.0615	1.0882	1.1321	1.1414	1.2070	1.3227	1.3576	1.4034	1.4845	1.7484	2.1123	2.7131
RP1000/A	1.3437	1.5347	1.5612	1.6242	1.6247	1.7182	1.8828	1.9356	1.9818	2.0514	2.4888	2.9588	3.9538
RP10000/A	1.7580	2.0079	2.0323	2.1143	2.1040	2.2250	2.4382	2.5026	2.5527	2.6277	3.2230	3.7901	4.4326
PMP/A	2.9796	3.4033	3.5244	3.6667	3.7359	3.9508	4.3293	4.4437	4.6439	4.9013	5.7228	7.0894	9.3290

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CO			
X19 6633 1	PALM DESERT SOF	275	19	05S	06E		S	33.719	116.393	33			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.76	.82	.84	.87	.90	.91	.95	1.00	1.05	1.14	1.22	1.55	2.67
5	1.32	1.43	1.46	1.50	1.54	1.57	1.63	1.73	1.81	1.95	2.11	2.66	4.19
10	1.74	1.88	1.91	1.96	2.02	2.05	2.14	2.26	2.35	2.52	2.75	3.43	5.17
20	2.16	2.34	2.36	2.43	2.48	2.53	2.63	2.78	2.88	3.08	3.39	4.18	6.08
25	2.29	2.48	2.51	2.58	2.63	2.68	2.78	2.95	3.05	3.25	3.59	4.42	6.36
40	2.58	2.79	2.81	2.89	2.94	3.00	3.11	3.30	3.40	3.62	4.01	4.92	6.50
60	2.71	2.94	2.96	3.04	3.09	3.15	3.27	3.47	3.56	3.79	4.21	5.15	7.21
80	3.13	3.40	3.40	3.50	3.55	3.61	3.75	3.98	4.08	4.32	4.84	5.88	8.04
100	3.95	3.95	3.85	3.96	4.00	4.07	4.23	4.49	4.59	4.85	5.45	6.59	8.84
1000	4.53	4.91	4.88	5.02	5.05	5.14	5.34	5.66	5.76	6.06	6.88	8.23	10.65
10000	5.92	6.42	6.36	6.53	6.54	6.66	6.92	7.33	7.42	7.76	8.92	10.54	13.13
PMP	10.04	10.89	11.02	11.33	11.61	11.82	12.29	13.02	13.49	14.47	15.83	19.67	27.62
MEAN													
CLOCK HR. COR.	.946	1.026	1.038	1.067	1.093	1.114	1.157	1.226	1.271	1.363	1.491	1.853	2.962
CALCULATED SKEW	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	.870	.456	.262	.415	.383	.391	1.024	1.162	1.022	1.093	.941	1.339	.914
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
2.000	2.000	1.900	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS													
N	3.424	2.850	2.763	2.798	2.762	2.861	4.631	4.993	4.601	4.306	4.307	5.699	4.546
RECORD YEAR	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD MAXIMUM	1952	1952	1952	1974	1952	1952	1966	1966	1966	1966	1966	1966	1952
NORMALIZED MAX	2.000	2.000	2.000	2.240	2.250	2.250	3.070	3.350	3.360	3.360	3.830	5.390	7.250
CALC. COEF. VAR	1.808	1.785	1.814	1.906	1.920	1.938	2.764	2.908	2.828	2.428	2.638	3.018	2.600
REGION. COEF. VAR	.617	.532	.511	.545	.551	.526	.591	.596	.582	.604	.594	.634	.587
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641

MEAN/A	.3193	.3463	.3505	.3603	.3691	.3759	.3908	.4140	.4290	.4601	.5034	.6255	1.0000
RP10/A	.5859	.6355	.6480	.6629	.6808	.6934	.7208	.7636	.7931	.8521	.9286	1.1584	1.7442
RP25/A	.7734	.8389	.8683	.8899	.8980	.9044	.9402	.9960	1.0282	1.0981	1.2113	1.4928	2.1465
RP50/A	.9152	.9928	.9978	1.0256	1.0430	1.0623	1.1043	1.1699	1.2031	1.2799	1.4227	1.7401	2.4346
RP100/A	1.0571	1.1467	1.1488	1.1808	1.1970	1.2192	1.2673	1.3426	1.3763	1.4594	1.6327	1.9841	2.7131
RP1000/A	1.5283	1.6576	1.6482	1.6941	1.7040	1.7354	1.8040	1.9111	1.9435	2.0442	2.3241	2.7791	3.5938
RP10000/A	1.9996	2.1690	2.1455	2.2052	2.2066	2.2474	2.3361	2.4749	2.5034	2.6185	3.0097	3.5599	4.4326
PMP/A	3.3891	3.6763	3.7268	3.8244	3.9181	3.9905	4.1480	4.3944	4.5542	4.6842	5.3441	6.8402	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
X19 6635 0	PALM SPRINGS FIRE DEPT	41	13	04S	04E		S	33.816	116.526	33			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.30	1.49	1.59	1.60	1.67	1.73	1.83	1.93	2.06	2.17	2.31	2.96	5.23
5	2.25	2.58	2.76	2.88	2.99	3.15	3.33	3.53	3.72	3.98	5.07	8.21	
10	2.96	3.40	3.51	3.62	3.76	3.90	4.11	4.34	4.59	4.81	5.20	6.55	10.13
20	3.68	4.22	4.34	4.47	4.63	4.80	5.06	5.35	5.63	5.86	6.40	7.99	11.91
25	3.91	4.49	4.60	4.75	4.91	5.09	5.36	5.67	5.95	6.20	6.78	8.44	12.47
40	4.40	5.05	5.16	5.32	5.49	5.69	6.00	6.34	6.64	6.90	7.59	9.39	12.74
50	4.63	5.31	5.43	5.60	5.77	5.97	6.30	6.66	6.97	7.22	7.97	9.84	14.14
100	5.35	6.13	6.25	6.44	6.62	6.86	7.23	7.64	7.97	8.24	9.14	11.22	15.76
200	6.07	6.96	7.07	7.29	7.46	7.73	8.16	8.62	8.96	9.24	10.31	12.59	17.34
1000	7.73	8.87	8.96	9.25	9.42	9.76	10.29	10.87	11.25	11.54	13.01	15.72	20.88
10000	10.12	11.60	11.67	12.04	12.20	12.64	13.33	14.08	14.50	14.78	16.65	20.13	25.75
PMP	17.15	19.67	20.24	20.87	21.66	22.44	23.66	25.00	26.37	27.57	29.92	37.55	54.17
MEAN													
CLOCK HR. COR.	1.616	1.853	1.906	1.966	2.040	2.114	2.229	2.355	2.484	2.597	2.819	3.536	5.809
CALCULATED SKEW	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.790	2.032	2.060	2.060	2.060	2.060	2.060	2.060	2.060	2.060	2.060	2.060	2.060
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS													
N	6.435	8.010	7.254	6.360	5.721	7.839	6.484	6.038	6.082	5.569	4.925	5.455	4.599
RECORD YEAR	46	47	47	47	47	47	47	47	47	47	47	47	63
RECORD MAXIMUM	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1927
NORMALIZED MAX	4.570	6.500	6.500	6.500	6.500	6.500	7.570	7.570	6.430	6.510	6.520	6.120	17.680
CALC. COEF. VAR	2.796	3.641	3.683	3.656	3.590	4.020	3.711	3.755	3.580	3.387	3.160	3.454	3.532
REGION. COEF. VAR	.654	.689	.654	.631	.609	.642	.646	.687	.678	.673	.640	.629	.579
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641

MEAN/A	.2781	.3198	.3282	.3385	.3513	.3640	.3838	.4055	.4277	.4471	.4853	.6090	1.0000
RP10/A	.5103	.5853	.6036	.6229	.6479	.6714	.7079	.7479	.7906	.8280	.8951	1.1279	1.7442
RP25/A	.6737	.7727	.7924	.8174	.8451	.8757	.9234	.9755	1.0250	1.0770	1.1675	1.4534	2.1465
RP50/A	.7973	.9144	.9342	.9637	.9926	1.0286	1.0845	1.1458	1.1994	1.2438	1.3713	1.6942	2.4346
RP100/A	.9208	1.0361	1.0756	1.1095	1.1392	1.1804	1.2446	1.3150	1.3720	1.4181	1.5738	1.9317	2.7131
RP1000/A	1.3313	1.5269	1.5431	1.5516	1.6216	1.6503	1.7717	1.8716	1.9375	1.9864	2.2603	2.7058	3.5938
RP10000/A	1.7418	1.9977	2.0087	2.0720	2.0999	2.1760	2.2943	2.4240	2.4956	2.5445	2.9011	3.4660	4.4326
PMP/A	2.9523	3.3860	3.4835	3.5934	3.7286	3.8637	4.0739	4.3040	4.5400	4.7461	5.1512	6.6450	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB X19 6635 50	STATION NAME PALM SPRINGS FO NO 1	ELEV 411	SEC 15	TWP 04S	RNG LOT 04E	BWM S	LATITUDE 33.826	LONGITUDE 116.545	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.33	1.53	1.58	1.74	1.81	1.89	1.95	2.00	2.11	2.27	2.44	3.07	5.11
5	2.31	2.84	2.73	3.01	3.12	3.26	3.36	3.45	3.62	3.88	4.20	5.26	8.03
10	3.05	3.49	3.59	3.95	4.07	4.26	4.39	4.51	4.71	5.01	5.48	6.80	9.91
20	3.78	4.33	4.43	4.88	5.01	5.24	5.41	5.54	5.76	6.11	6.75	8.29	11.65
25	4.02	4.61	4.71	5.18	5.31	5.55	5.73	5.88	6.10	6.46	7.15	8.77	12.19
40	4.52	5.18	5.28	5.81	5.94	6.21	6.41	6.57	6.81	7.19	8.00	9.75	12.46
50	4.76	5.45	5.55	6.11	6.24	6.52	6.73	6.90	7.14	7.53	8.40	10.22	13.83
100	5.50	6.29	6.39	7.03	7.16	7.48	7.72	7.92	8.17	8.59	9.64	11.65	15.41
200	6.23	7.14	7.23	7.95	8.08	8.44	8.71	8.93	9.19	9.63	10.87	13.07	16.95
1000	7.95	9.16	9.17	10.09	10.19	10.65	10.98	11.28	11.53	12.03	13.72	16.32	20.41
10000	10.40	11.91	11.93	13.13	13.20	13.79	14.24	14.60	14.85	15.40	17.77	20.90	25.18
PMP	17.62	20.18	20.69	22.78	23.44	24.49	25.28	25.93	27.02	28.73	31.95	38.99	52.97
MEAN	1.660	1.901	1.949	2.146	2.208	2.307	2.382	2.442	2.546	2.707	2.972	3.673	5.680
CLOCK HR. COR.	1.140	1.070	1.050	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.366	1.255	1.248	1.248	1.248	1.248	1.248	1.248	1.248	1.248	1.248	1.248	1.248
REGIONAL SKEW	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
SKEW USED	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
KURTOSIS	4.952	4.019	5.070	3.245	5.044	5.290	4.350	4.203	3.889	3.437	3.166	3.242	3.048
N	38	38	38	38	38	38	38	38	38	38	38	38	38
RECORD YEAR	1938	1943	1943	1938	1938	1938	1938	1938	1938	1938	1938	1943	1937
RECORD MAXIMUM	4.580	4.850	5.730	6.700	6.700	6.700	6.700	6.700	6.700	6.700	6.700	6.700	6.700
NORMALIZED MAX	2.021	2.356	2.933	3.993	3.099	2.878	2.694	2.635	2.592	2.461	2.439	2.416	2.568
CALC. COEF. VAR	.671	.658	.661	.686	.658	.661	.673	.669	.695	.659	.636	.645	.641
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.2923	.3347	.3432	.3778	.3888	.4062	.4193	.4300	.4482	.4766	.5232	.6466	1.0000
RP10/A	.5363	.6142	.6314	.6951	.7171	.7493	.7734	.7932	.8285	.8825	.9631	1.0000	1.7442
RP25/A	.7080	.8108	.8286	.9121	.9353	.9772	1.0088	1.0741	1.1373	1.2888	1.5432	1.6699	2.1465
RP50/A	.8379	.9595	.9749	1.0754	1.0986	1.1479	1.1849	1.2151	1.2569	1.3257	1.4785	1.7988	2.4346
RP100/A	.9677	1.1082	1.1247	1.2381	1.2608	1.3174	1.3598	1.3945	1.4378	1.5115	1.6968	2.0510	2.7131
RP1000/A	1.3591	1.6623	1.6136	1.7763	1.7947	1.8753	1.9356	1.9851	2.0306	2.1172	2.4154	2.8728	3.5938
RP10000/A	1.6306	2.0963	2.1005	2.3123	2.3241	2.4295	2.5066	2.5706	2.6182	2.7121	3.1279	3.6800	4.4326
PMP/A	3.1026	3.5531	3.6427	4.0101	4.1267	4.3120	4.4508	4.5644	4.7577	5.0586	5.5539	6.8640	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB X19 7279 0	STATION NAME RAYMOND FLAT	ELEV 7070	SEC 31	TWP 015	RNG LOT 02E	BWM S	LATITUDE 34.047	LONGITUDE 116.893	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.10	5.31	5.86	6.46	6.74	6.96	7.56	8.20	9.06	9.68	10.81	15.44	29.35
5	7.24	9.10	10.13	11.16	11.61	12.00	13.03	14.14	15.57	16.91	18.63	26.43	66.09
10	9.55	12.12	13.30	14.65	15.16	15.67	17.02	18.45	20.23	21.66	24.33	34.15	56.86
20	11.86	15.05	16.44	18.11	18.66	19.29	20.94	22.72	24.78	26.65	29.95	41.84	66.87
25	12.61	16.00	17.45	19.22	19.77	20.44	22.20	24.06	26.23	28.17	31.74	44.01	69.97
40	14.17	17.99	19.57	21.56	22.12	22.66	24.83	26.93	29.26	31.34	35.50	48.97	71.50
50	14.92	18.93	20.57	22.66	23.22	24.01	26.07	28.28	30.69	32.64	37.28	51.30	76.37
100	17.23	21.87	23.68	26.09	26.65	27.35	29.92	32.46	35.10	37.44	42.78	58.49	86.44
200	19.54	24.80	26.79	29.52	30.07	31.08	33.75	36.61	39.49	42.00	48.26	65.61	97.29
1000	24.91	31.62	33.98	37.44	37.94	39.22	42.59	46.20	49.57	52.44	60.90	81.93	117.15
10000	35.29	41.36	44.23	48.73	49.13	50.79	55.16	59.83	63.85	67.18	78.07	104.95	144.50
PMP	55.25	70.11	76.70	84.51	87.24	90.19	97.93	106.24	116.16	125.31	140.04	195.76	303.99
MEAN	5.205	6.605	7.226	7.962	8.219	8.496	9.226	10.008	10.943	11.865	13.193	18.442	32.599
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.868	1.889	2.008	2.280	2.214	2.212	2.110	1.803	1.816	1.449	1.315	1.252	1.177
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.500	1.400	1.300
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.500	1.400	1.300
KURTOSIS	6.833	6.758	7.612	9.029	8.929	9.191	8.074	6.734	6.798	5.160	5.079	4.301	3.923
N	28	28	28	28	28	28	28	28	28	28	28	28	28
RECORD YEAR	1936	1966	1938	1938	1938	1936	1966	1966	1938	1938	1938	1938	1969
RECORD MAXIMUM	13.500	16.500	18.050	22.650	23.700	24.200	26.240	26.900	29.570	29.570	31.130	41.010	74.540
NORMALIZED MAX	2.667	2.742	3.082	3.391	3.477	3.526	3.058	3.095	3.070	2.788	2.751	2.425	2.820
CALC. COEF. VAR	.896	.846	.822	.851	.842	.842	.845	.854	.854	.840	.849	.805	.856
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.1597	.2026	.2217	.2442	.2521	.2605	.2830	.3070	.3357	.3621	.4047	.5057	1.0000
RP10/A	.2930	.3718	.4079	.4494	.4650	.4807	.5220	.5603	.6205	.6766	.7465	1.0477	1.7442
RP25/A	.3887	.4908	.5352	.5897	.6065	.6270	.6809	.7386	.8045	.8642	.9736	1.3501	2.1465
RP50/A	.4577	.5809	.6310	.6952	.7124	.7365	.7998	.8676	.9413	1.0073	1.1436	1.5737	2.4346
RP100/A	.5286	.6708	.7245	.8005	.8176	.8432	.9178	.9956	1.0760	1.1485	1.3424	1.7943	2.7131
RP1000/A	.7642	.9698	1.0422	1.1648	1.1638	1.2032	1.3065	1.4173	1.5207	1.6088	1.8882	2.5133	3.5938
RP10000/A	.9999	1.2608	1.3567	1.4949	1.5071	1.5581	1.6919	1.8353	1.9587	2.0608	2.4193	3.2195	4.4326
PMP/A	1.6947	2.1506	2.3529	2.5925	2.6761	2.7666	3.0042	3.2589	3.5633	3.8438	4.2957	8.0051	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB X19 8317 0	STATION NAME SNOW CREEK UPPER	ELEV 1940	SEC 33	TWP 035	RNG LOT 03E	8WN 5	LATITUDE 33-867	LONGITUDE 116-663	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.00	2.33	2.47	2.66	2.80	2.83	2.95	3.08	3.36	3.56	4.09	5.40	10.15
5	3.47	4.03	4.26	4.59	4.83	4.87	5.09	5.30	5.77	6.10	7.04	9.25	15.94
10	4.56	5.31	5.59	6.03	6.30	6.36	6.64	6.92	7.50	7.89	9.20	11.95	19.66
20	5.69	6.60	6.92	7.45	7.76	7.83	8.17	8.52	9.19	9.62	11.32	14.97	23.12
25	6.04	7.01	7.34	7.91	8.22	8.30	8.66	9.03	9.72	10.16	12.00	15.41	24.20
40	6.79	7.89	8.23	8.87	9.19	9.28	9.69	10.10	10.85	11.31	13.42	17.14	24.72
50	7.15	8.30	8.65	9.35	9.65	9.75	10.19	10.61	11.38	11.81	14.09	17.96	27.44
100	8.26	9.59	9.96	10.74	11.08	11.19	11.66	12.17	13.02	13.51	16.17	20.47	30.58
200	9.37	10.87	11.27	12.15	12.50	12.62	13.17	13.73	14.64	15.15	18.24	22.97	33.64
1000	15.44	18.86	19.41	21.77	21.92	21.92	22.44	23.67	24.24	24.24	29.81	36.74	49.97
10000	15.42	18.13	18.81	20.46	20.43	20.42	21.52	22.44	23.67	24.24	29.81	36.74	49.97
PMP	26.48	30.73	32.27	34.78	36.27	36.61	38.22	39.84	43.07	45.21	52.93	68.52	105.11
MEAN	2.495	2.895	3.040	3.277	3.417	3.449	3.600	3.753	4.057	4.259	4.987	6.455	11.272
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.990	2.014	1.800	1.665	1.560	1.496	1.370	1.276	1.045	0.946	0.621	0.509	1.040
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.800
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.800	1.800
KURTOSIS	14.209	7.432	6.603	5.938	5.672	5.672	7.379	9.162	10.487	8.061	6.406	6.186	4.073
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966
RECORD MAXIMUM	9.500	9.700	9.700	10.590	10.590	10.590	11.950	13.640	14.530	14.710	14.710	15.630	16.610
NORMALIZED MAX	3.451	2.971	2.957	3.066	3.077	3.077	3.325	3.626	3.773	3.821	3.841	3.822	3.184
CALC. COEF. VAR	.814	.791	.741	.742	.705	.741	.769	.761	.746	.709	.661	.640	.558
RECN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.2213	.2568	.2697	.2907	.3031	.3060	.3194	.3329	.3599	.3778	.4424	.5727	1.0000
RP10/A	.4061	.4713	.4963	.5349	.5591	.5644	.5892	.6141	.6654	.6997	.8160	1.0605	1.7442
RP25/A	.5361	.6221	.6513	.7018	.7292	.7352	.7688	.8010	.8626	.9016	1.0643	1.3667	2.1465
RP50/A	.6345	.7363	.7678	.8274	.8565	.8647	.9026	.9400	1.0093	1.0510	1.2501	1.5930	2.4346
RP100/A	.7328	.8504	.8840	.9527	.9830	.9923	1.0358	1.0798	1.1546	1.1983	1.4346	1.8164	2.7131
RP1000/A	1.0595	1.2293	1.2683	1.3668	1.3992	1.4126	1.4745	1.5370	1.6305	1.6785	2.0422	2.5442	3.9538
RP10000/A	1.3861	1.6685	1.6509	1.7792	1.8120	1.8292	1.9094	1.9964	2.1002	2.1561	2.6446	3.2591	4.4326
PMP/A	2.3494	2.7268	2.8931	3.0855	3.2174	3.2480	3.3994	3.5342	3.8207	4.0105	4.6938	6.0790	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB X19 0892 0	STATION NAME THERMAL A P	ELEV 135	SEC 120	TWP 21	RNG LOT 06S 08E	8WN M 5	LATITUDE 33-034	LONGITUDE 118-162	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.68	.73	.74	.76	.78	.80	.81	.84	.86	.93	1.02	1.28	2.03
5	1.17	1.26	1.28	1.31	1.34	1.37	1.39	1.45	1.47	1.60	1.76	2.20	3.18
10	1.54	1.66	1.68	1.72	1.75	1.79	1.82	1.89	1.91	2.07	2.29	2.84	3.93
20	1.92	2.06	2.08	2.12	2.16	2.20	2.24	2.33	2.34	2.52	2.82	3.40	4.62
25	2.04	2.19	2.20	2.25	2.29	2.34	2.37	2.46	2.48	2.66	2.99	3.66	4.83
40	2.29	2.47	2.47	2.52	2.56	2.61	2.66	2.76	2.77	2.96	3.35	4.07	5.48
50	2.41	2.60	2.60	2.65	2.69	2.74	2.79	2.89	2.90	3.10	3.51	4.27	5.48
100	2.79	3.00	2.99	3.05	3.08	3.15	3.20	3.32	3.32	3.54	4.03	4.86	6.11
200	3.16	3.40	3.38	3.46	3.48	3.55	3.61	3.75	3.73	3.97	4.55	5.46	6.72
1000	4.03	4.33	4.29	4.38	4.39	4.46	4.55	4.73	4.69	4.96	5.74	6.81	8.09
10000	5.27	5.67	5.59	5.71	5.68	5.80	5.96	6.12	6.04	6.35	7.44	8.73	9.98
PMP	8.93	9.61	9.69	9.89	10.09	10.30	10.47	10.87	10.98	11.84	13.20	16.28	20.99
MEAN	.841	.905	.913	.932	.951	.971	.987	1.024	1.035	1.116	1.244	1.534	2.250
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.640	.710	.656	1.123	1.220	1.127	1.091	.855	.809	.504	.357	.600	.174
REGIONAL	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	2.508	2.725	2.650	4.257	4.958	4.703	4.598	3.644	3.493	2.623	2.539	2.587	2.068
RECORD YEAR	21	21	21	21	21	21	21	21	21	21	21	21	21
RECORD MAXIMUM	1974	1974	1952	1974	1974	1974	1974	1974	1974	1974	1966	1966	1952
NORMALIZED SKEW	1.460	1.610	1.710	2.210	2.360	2.360	2.360	2.360	2.360	2.360	2.430	3.400	4.000
CALC. COEF. VAR	1.518	1.598	1.786	2.548	2.754	2.701	2.720	2.315	2.470	2.145	1.878	2.090	1.697
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.3739	.4623	.4056	.4142	.4225	.4313	.4384	.4351	.4598	.4558	.5527	.6812	1.0000
RP10/A	.6861	.7383	.7463	.7621	.7793	.7795	.8087	.8390	.8499	.9181	1.0195	1.2622	1.7442
RP25/A	.9057	.9746	.9792	1.0000	1.0165	1.0376	1.0546	1.0950	1.1019	1.1831	1.3297	1.6265	2.1405
RP50/A	1.0718	1.1533	1.1545	1.1790	1.1940	1.2187	1.2389	1.2662	1.2894	1.3791	1.5618	1.8959	2.4346
RP100/A	1.2379	1.3321	1.3292	1.3574	1.3702	1.3986	1.4219	1.4761	1.4790	1.5724	1.7924	2.1617	2.7131
RP1000/A	1.7898	1.9259	1.9070	1.9475	1.9595	1.9949	2.0240	2.1011	2.0829	2.2020	2.5515	3.0779	3.9250
RP10000/A	2.3416	2.5197	2.4824	2.5351	2.5258	2.5782	2.6210	2.7209	2.6029	2.8214	3.3041	3.8787	4.4326
PMP/A	3.9688	4.2707	4.3051	4.3964	4.4849	4.5779	4.6539	4.8313	4.8807	5.2626	5.8668	7.2346	9.3250

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO	LOT	BWN	LATITUDE	LONGITUDE	COUNTY
X19 8892 1	THERMAL AIRPORT SOF	118	20	06S	08E	S	33.635	116.171	33	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	.70	.72	.73	.74	.76	.76	.77	.81	.83	.88
5	1.21	1.25	1.25	1.28	1.31	1.31	1.33	1.40	1.43	1.51
10	1.59	1.65	1.64	1.68	1.70	1.71	1.74	1.83	1.86	1.95
20	1.98	2.05	2.03	2.07	2.10	2.11	2.14	2.25	2.27	2.38
25	2.10	2.18	2.16	2.20	2.22	2.24	2.27	2.38	2.41	2.51
30	2.38	2.45	2.42	2.47	2.49	2.50	2.54	2.66	2.68	2.79
50	2.58	2.64	2.64	2.67	2.69	2.70	2.73	2.82	2.83	2.94
100	2.87	2.98	2.93	2.99	3.00	3.01	3.06	3.21	3.22	3.34
200	3.26	3.38	3.31	3.38	3.38	3.40	3.46	3.62	3.62	3.74
1000	4.15	4.31	4.20	4.28	4.27	4.29	4.36	4.57	4.55	4.67
10000	5.43	5.84	5.47	5.58	5.52	5.65	5.93	5.86	5.99	6.86
PMP	9.21	9.56	9.49	9.67	9.81	9.86	10.03	10.50	10.66	11.17
MEAN	.867	.901	.894	.911	.924	.929	.945	.990	1.004	1.052
CLOCK MR. COR.	1.140	1.079	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.083	.898	.873	1.839	1.841	1.847	1.571	1.243	1.172	.965
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.700	1.600	1.500
KURTOSIS	5.282	4.256	4.095	8.068	7.151	7.207	7.012	5.337	4.908	4.012
N	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974
RECORD MAXIMUM	1.970	1.970	1.970	2.750	2.750	2.750	2.750	2.750	2.750	2.750
NORMALIZED MAX	2.350	2.315	2.322	3.300	3.236	3.242	3.262	3.001	2.912	2.727
CALC. COEF. VAR	.641	.612	.614	.641	.641	.641	.641	.641	.641	.641
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.4222	.4305	.4351	.4435	.4498	.4523	.4597	.4816	.4887	.5121
RP10/A	.7746	.8047	.8006	.8161	.8207	.8342	.8400	.8884	.9035	.9483
RP25/A	1.0226	1.0623	1.0506	1.0707	1.0822	1.0881	1.1061	1.1586	1.1713	1.2220
RP50/A	1.2101	1.2571	1.2386	1.2625	1.2711	1.2780	1.2992	1.3811	1.3706	1.4244
RP100/A	1.3977	1.4520	1.4260	1.4535	1.4587	1.4667	1.4910	1.5620	1.5678	1.6241
RP1000/A	2.0208	2.0993	2.0459	2.0854	2.0765	2.0878	2.1224	2.2235	2.2140	2.2750
RP10000/A	2.6439	2.7465	2.6632	2.7146	2.6950	2.7037	2.7484	2.8794	2.8518	2.9141
PMP/A	4.6812	4.6532	4.6187	4.7077	4.7746	4.8007	4.8862	5.1127	5.1880	5.4356

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO	LOT	BWN	LATITUDE	LONGITUDE	COUNTY
X22 963 0	BORREGO DESERT PARK	750	25	10S	05E	S	33.000	116.000	90	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	.98	1.09	1.10	1.17	1.21	1.22	1.27	1.30	1.45	1.63
5	1.69	1.89	1.91	2.02	2.09	2.11	2.18	2.23	2.49	2.79
10	2.23	2.49	2.50	2.65	2.73	2.76	2.85	2.92	3.23	3.60
20	2.77	3.09	3.10	3.27	3.36	3.39	3.50	3.59	3.96	4.39
25	2.95	3.29	3.29	3.48	3.56	3.59	3.71	3.80	4.19	4.64
30	3.31	3.69	3.68	3.90	3.98	3.98	4.05	4.25	4.67	5.17
50	3.49	3.89	3.87	4.10	4.18	4.22	4.36	4.47	4.90	5.41
100	4.03	4.49	4.46	4.72	4.80	4.84	5.01	5.13	5.61	6.17
200	4.57	5.09	5.04	5.34	5.41	5.46	5.65	5.78	6.31	6.92
1000	6.03	6.49	6.40	6.77	6.83	6.90	7.13	7.30	7.92	8.69
10000	7.62	8.49	8.33	8.81	8.85	8.93	9.23	9.45	10.20	11.07
PMP	12.92	14.40	14.44	15.28	15.71	15.85	16.39	16.78	18.56	20.86
MEAN	1.217	1.356	1.361	1.439	1.480	1.494	1.544	1.581	1.748	1.946
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.490	1.430	1.430	1.478	1.478	1.478	1.400	1.098	.425	.259
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600
KURTOSIS	2.731	2.904	2.898	6.010	6.401	6.744	6.584	7.065	5.087	2.895
N	25	25	24	24	24	25	25	25	25	25
RECORD YEAR	1949	1966	1966	1974	1974	1974	1974	1966	1966	1966
RECORD MAXIMUM	1.880	2.380	2.380	3.370	3.370	3.380	3.380	3.800	3.630	4.130
NORMALIZED MAX	1.357	1.864	1.899	2.981	3.081	3.188	2.827	2.985	2.705	2.446
CALC. COEF. VAR	.407	.397	.387	.450	.414	.396	.421	.428	.398	.408
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.2486	.2773	.2782	.2943	.3026	.3054	.3157	.3322	.3575	.3979
RP10/A	.4490	.5089	.5110	.5452	.5682	.5710	.5952	.6282	.6808	.7368
RP25/A	.6028	.6718	.6717	.7106	.7281	.7347	.7595	.7776	.8567	.9495
RP50/A	.7133	.7950	.7920	.8378	.8552	.8630	.8921	.9134	1.0025	1.1068
RP100/A	.8239	.9182	.9118	.9646	.9816	.9904	1.0238	1.0482	1.1469	1.2620
RP1000/A	1.1910	1.3275	1.3082	1.3829	1.3970	1.4000	1.4521	1.5194	1.7677	2.0087
RP10000/A	1.5585	1.7360	1.7029	1.8015	1.8091	1.8257	1.8873	1.9323	2.0859	2.2644
PMP/A	2.6415	2.9438	2.9532	3.1242	3.2123	3.2417	3.3511	3.4310	3.7947	4.2236

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB X22 986 0		STATION NAME BORRERO SPRINGS INNE	ELEV 625	SEC 21	TWP 105	RNG LOT 06E	8MM 5	LATITUDE 33.285	LONGITUDE 116.350	COUNTY 90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.91	1.05	1.05	1.04	1.08	1.08	1.14	1.18	1.19	1.26	1.33	1.69	2.96
5	1.58	1.82	1.81	1.80	1.86	1.86	1.97	2.00	2.05	2.18	2.29	2.89	4.84
10	2.08	2.40	2.38	2.37	2.43	2.43	2.57	2.61	2.67	2.80	2.99	3.73	5.73
25	2.58	2.98	2.94	2.93	2.98	3.00	3.16	3.21	3.26	3.41	3.68	4.55	6.73
50	2.74	3.17	3.12	3.11	3.16	3.17	3.35	3.41	3.46	3.60	3.90	4.81	7.08
100	3.09	3.56	3.50	3.49	3.54	3.55	3.75	3.81	3.85	4.01	4.36	5.35	7.20
200	3.25	3.75	3.68	3.67	3.72	3.73	3.94	4.00	4.04	4.20	4.58	5.61	7.99
500	3.76	4.33	4.24	4.22	4.28	4.28	4.52	4.59	4.62	4.79	5.26	6.39	9.01
1000	4.25	4.91	4.79	4.77	4.81	4.83	5.10	5.18	5.20	5.37	5.93	7.17	9.99
2000	5.42	6.26	6.08	6.05	6.07	6.09	6.43	6.54	6.53	6.71	7.48	9.05	11.80
10000	7.09	8.19	7.91	7.88	7.86	7.89	8.33	8.46	8.41	8.59	9.69	11.47	14.55
PMF	12.02	13.69	13.72	13.67	13.66	14.01	14.79	15.03	15.30	16.03	17.21	21.39	30.61
MEAN	1.133	1.308	1.293	1.288	1.315	1.319	1.394	1.416	1.442	1.510	1.621	2.015	3.283
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.923	2.323	2.312	2.289	2.309	2.320	2.043	2.012	2.021	2.021	2.341	1.530	1.329
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	8.244	10.020	10.025	10.009	10.210	10.274	8.981	8.625	9.831	9.034	10.619	6.470	5.727
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966	1966
RECORD MAXIMUM	3.550	5.010	5.010	5.010	5.010	5.010	5.160	5.210	5.210	5.210	5.130	6.430	9.700
NORMALIZED MAX	2.701	3.241	3.367	3.454	3.318	3.523	3.448	3.430	3.355	3.465	3.608	3.141	3.012
CALC. COEF. VAR	.765	.673	.854	.837	.799	.794	.784	.781	.798	.767	.771	.697	.649
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.555
MEAN/A	.3451	.3985	.3939	.3922	.4005	.4019	.4245	.4313	.4392	.4400	.4938	.6140	1.0000
RP10/A	.6332	.7313	.7247	.7217	.7388	.7414	.7831	.7956	.8119	.8518	.9108	1.1370	1.7442
RP25/A	.8358	.9654	.9510	.9470	.9636	.9670	1.0214	1.0377	1.0526	1.0977	1.1680	1.4652	2.1465
RP50/A	.9892	1.1425	1.1212	1.1165	1.1319	1.1358	1.1997	1.2189	1.2317	1.2796	1.3953	1.7079	2.3466
RP100/A	1.1425	1.3195	1.2908	1.2854	1.2990	1.3035	1.3766	1.3968	1.4088	1.4589	1.6013	1.9473	2.7131
RP1000/A	1.6518	1.9678	1.8919	1.8842	1.8490	1.8555	1.9599	1.9912	1.9896	2.0436	2.2795	2.7276	3.5938
RP10000/A	2.1611	2.4960	2.4107	2.4007	2.3945	2.4026	2.5380	2.5785	2.5828	2.6177	2.9519	3.4940	4.4326
PMF/A	3.6628	4.2306	4.1807	4.1633	4.2516	4.2665	4.5065	4.5785	4.6623	4.8827	5.2414	6.5172	9.3250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY				
X22 6383 0	OCOTILLO WELLS	175	10	125	08E F	S	33.150	116.133	90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.66	.73	.75	.77	.78	.78	.76	.81	.87	.95	1.03	1.31	2.05
5	1.15	1.27	1.30	1.33	1.34	1.35	1.35	1.39	1.49	1.62	1.77	2.25	3.22
10	1.51	1.67	1.71	1.75	1.75	1.76	1.76	1.82	1.94	2.10	2.31	2.91	3.97
20	1.88	2.08	2.11	2.16	2.16	2.17	2.17	2.24	2.38	2.58	2.84	3.54	4.67
25	1.99	2.21	2.24	2.29	2.29	2.30	2.30	2.37	2.51	2.70	3.01	3.75	4.88
40	2.24	2.49	2.51	2.57	2.56	2.57	2.57	2.65	2.80	3.01	3.37	4.17	4.99
50	2.38	2.62	2.64	2.70	2.69	2.70	2.70	2.79	2.94	3.15	3.54	4.37	5.54
100	2.73	3.02	3.04	3.11	3.08	3.10	3.09	3.20	3.37	3.60	4.06	4.96	6.17
200	3.09	3.43	3.44	3.52	3.40	3.50	3.49	3.61	3.79	4.03	4.58	5.58	6.99
1000	3.94	4.37	4.36	4.47	4.39	4.42	4.40	4.55	4.75	5.04	5.78	6.97	8.67
10000	5.71	6.48	6.46	6.62	6.48	6.52	6.50	6.72	7.12	7.69	9.08	10.98	13.67
PMF	8.74	9.49	9.85	10.69	10.09	10.16	10.13	10.46	11.14	12.03	13.30	16.66	21.21
MEAN	.824	.912	.928	.950	.951	.957	.954	.986	1.049	1.133	1.253	1.570	2.275
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.846	3.187	3.047	2.774	2.759	2.773	2.764	2.878	2.820	2.569	2.663	2.162	1.526
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.800	1.600	1.100
KURTOSIS	7.599	15.684	14.937	12.726	12.714	12.803	12.796	13.445	12.736	11.879	12.693	9.421	5.995
N	25	25	25	25	25	25	25	25	25	25	25	25	25
RECORD YEAR	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
RECORD MAXIMUM	2.400	3.790	3.790	3.790	3.790	3.790	3.740	3.790	3.790	3.740	4.350	5.490	8.340
NORMALIZED MAX	2.813	3.616	3.707	3.828	3.878	3.885	3.936	3.988	3.884	3.746	3.835	3.430	2.846
CALC. COEF. VAR	.860	.628	.628	.628	.628	.628	.628	.628	.628	.628	.628	.628	.628
REGION. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.3621	.4012	.4079	.4178	.4179	.4208	.4194	.4333	.4613	.4903	.5509	.6900	1.0000
RP10/A	.6644	.7361	.7505	.7687	.7709	.7738	.7737	.7993	.8527	.9229	1.0162	1.2779	1.7442
RP25/A	.8776	.9718	.9848	1.0087	1.0055	1.0119	1.0091	1.0425	1.1055	1.1692	1.3254	1.6467	2.1405
RP50/A	1.0379	1.1500	1.1610	1.1892	1.1810	1.1868	1.1852	1.2245	1.2835	1.3662	1.5568	1.9195	2.4336
RP100/A	1.1980	1.3283	1.3367	1.3692	1.3554	1.3640	1.3602	1.4053	1.4797	1.5806	1.7886	2.1866	2.7131
RP1000/A	1.7332	1.9204	1.9178	1.9644	1.9294	1.9417	1.9363	2.0004	2.0895	2.2140	2.5432	3.0857	3.9368
RP10000/A	2.2676	2.5125	2.4964	2.5571	2.4985	2.5144	2.5074	2.5905	2.6914	2.8140	3.2933	3.9270	4.9333
PMF/A	3.8433	4.2585	4.3294	4.4346	4.4364	4.4447	4.4522	4.5997	4.8993	5.2896	6.0478	7.3248	9.3235

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB X23 1288 0	STATION NAME CALEIXCO 2 NE	ELEV 166	SEC 12	TWP 07	RNG LOT 175 15E N	BWM 5	LATITUDE 32.687	LONGITUDE 115.465	COUNTY CODE 13				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.71	.73	.73	.72	.73	.75	.80	.90	.84	.91	.93	1.12	1.86
5	1.22	1.27	1.26	1.24	1.25	1.29	1.37	1.38	1.44	1.55	1.80	1.92	2.93
10	1.61	1.67	1.65	1.63	1.64	1.69	1.79	1.81	1.87	2.00	2.09	2.49	3.61
20	2.00	2.08	2.04	2.02	2.02	2.08	2.21	2.23	2.29	2.44	2.58	3.03	4.25
25	2.13	2.21	2.17	2.14	2.15	2.21	2.34	2.36	2.43	2.58	2.73	3.20	4.44
40	2.39	2.48	2.43	2.40	2.42	2.47	2.62	2.64	2.71	2.87	3.05	3.57	4.84
50	2.52	2.61	2.56	2.53	2.52	2.59	2.75	2.77	2.84	3.01	3.21	3.74	5.04
100	2.91	3.02	2.94	2.91	2.89	2.97	3.15	3.18	3.25	3.43	3.68	4.26	5.62
200	3.30	3.42	3.33	3.29	3.26	3.35	3.56	3.59	3.66	3.85	4.15	4.78	6.18
1000	4.20	4.36	4.22	4.17	4.12	4.23	4.49	4.53	4.59	4.80	5.24	5.97	7.44
10000	5.50	5.71	5.50	5.43	5.33	5.48	5.81	5.86	5.91	6.15	6.79	7.64	9.18
PMP	9.32	9.67	9.53	9.42	9.46	9.73	10.32	10.41	10.76	11.48	12.05	14.25	19.31
MEAN	.878	.911	.898	.887	.892	.917	.972	.980	1.013	1.061	1.135	1.343	2.070
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.518	1.028	1.009	.974	.927	.849	.819	.832	.958	.760	.668	.387	.944
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.900	1.800	1.700	1.600	1.500	1.400	1.300	1.100	1.000
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.500	1.400	1.100
KURTOSIS	6.107	4.685	4.678	4.558	4.302	3.938	3.040	3.007	3.337	3.088	2.785	2.493	3.657
N	25	25	25	25	25	25	25	25	25	25	25	25	25
RECORD YEAR	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1970
RECORD MAXIMUM	2.520	2.520	2.520	2.520	2.520	2.520	2.520	2.510	2.510	2.510	2.510	2.510	2.510
NORMALIZED MAX	2.562	2.589	2.703	2.762	2.748	2.567	2.272	2.244	2.433	2.374	2.249	2.110	2.553
CALC. COEF. VAR	.730	.682	.668	.666	.665	.681	.700	.700	.729	.673	.656	.610	.666
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.4262	.4401	.4338	.4286	.4307	.4428	.4697	.4735	.4894	.5222	.5483	.6486	1.0000
RP10/A	.7784	.8076	.7887	.7807	.7844	.7994	.8663	.8735	.9041	.9671	1.0114	1.2011	1.7442
RP25/A	1.0275	1.0561	1.0474	1.0349	1.0361	1.0552	1.1303	1.1393	1.1728	1.2442	1.3192	1.5478	2.1465
RP50/A	1.2160	1.2616	1.2349	1.2201	1.2170	1.2512	1.3272	1.3381	1.3723	1.4527	1.5494	1.8042	2.3446
RP100/A	1.4045	1.4572	1.4218	1.4048	1.3966	1.4359	1.5232	1.5357	1.5698	1.6563	1.7782	2.0571	2.7131
RP1000/A	2.0306	2.1068	2.0388	2.0154	1.9881	2.0440	2.1682	2.1866	2.2169	2.3201	2.5312	2.8814	3.5938
RP10000/A	2.6567	2.7504	2.6552	2.6235	2.5745	2.6469	2.8078	2.8309	2.8554	2.9719	3.2779	3.6910	4.4326
PMP/A	4.5028	4.6718	4.6048	4.5497	4.5714	4.6998	4.9855	5.0265	5.1947	5.5433	5.8202	6.8846	9.3250

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB X23 6197 0	STATION NAME NILANO	ELEV 100	SEC -55	TWP 21	RNG LOT 105 14E	BWM 5	LATITUDE 33.283	LONGITUDE 115.517	COUNTY CODE 13				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	.69	.70	.74	.74	.76	.76	.78	.79	.82	.85	.93	1.11	1.79
5	1.19	1.22	1.28	1.28	1.31	1.32	1.34	1.35	1.40	1.46	1.61	1.90	2.81
10	1.57	1.61	1.68	1.68	1.71	1.72	1.75	1.77	1.82	1.88	2.10	2.45	3.47
20	1.95	2.00	2.08	2.08	2.10	2.12	2.15	2.18	2.23	2.30	2.59	2.99	4.08
25	2.07	2.12	2.20	2.20	2.22	2.25	2.28	2.31	2.36	2.43	2.74	3.16	4.27
40	2.33	2.39	2.47	2.47	2.49	2.51	2.55	2.58	2.63	2.70	3.07	3.52	4.36
50	2.45	2.51	2.60	2.60	2.61	2.64	2.68	2.71	2.76	2.83	3.22	3.69	4.84
100	2.83	2.90	2.99	2.99	3.00	3.03	3.07	3.11	3.16	3.23	3.70	4.20	5.39
200	3.21	3.29	3.38	3.38	3.38	3.41	3.46	3.51	3.55	3.62	4.17	4.71	5.93
1000	4.10	4.19	4.29	4.29	4.27	4.31	4.37	4.43	4.46	4.52	5.27	5.89	7.14
10000	5.36	5.49	5.59	5.59	5.53	5.58	5.66	5.73	5.74	5.79	6.82	7.54	8.81
PMP	9.08	9.30	9.49	9.49	9.62	9.91	10.05	10.18	10.45	10.79	12.11	14.06	16.54
MEAN	.856	.876	.913	.913	.925	.933	.947	.959	.984	1.017	1.141	1.325	1.988
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.664	1.384	1.112	1.005	.887	.865	.765	.739	.688	.700	1.558	.925	.392
REGIONAL SKEW	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.500	1.400	1.100
SKEW USED	2.000	2.000	1.900	1.900	1.800	1.800	1.800	1.800	1.700	1.600	1.500	1.400	1.100
KURTOSIS	7.322	6.106	4.979	4.630	4.339	4.376	4.241	4.136	3.640	3.466	7.232	4.555	2.538
N	29	29	29	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.650	2.700	2.700	2.700	2.700	2.700	2.700	2.700	2.700	2.700	3.950	3.950	4.970
NORMALIZED MAX	2.901	2.992	2.913	2.933	2.916	2.919	2.929	2.904	2.747	2.559	3.505	2.961	2.351
CALC. COEF. VAR	.723	.696	.672	.668	.658	.648	.632	.625	.634	.647	.702	.659	.638
REGN. COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
USED COEF. VAR	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641	.641
MEAN/A	.4305	.4406	.4591	.4591	.4651	.4695	.4763	.4826	.4952	.5115	.5738	.6664	1.0000
RP10/A	.7899	.8085	.8448	.8448	.8580	.8661	.8786	.8901	.9154	.9473	1.0584	1.2342	1.7442
RP25/A	1.0428	1.0573	1.1095	1.1086	1.1191	1.1296	1.1460	1.1610	1.1869	1.2207	1.3805	1.5904	2.1405
RP50/A	1.2340	1.2631	1.3049	1.3070	1.3144	1.3268	1.3460	1.3637	1.3887	1.4230	1.6215	1.8539	2.3446
RP100/A	1.4293	1.4589	1.5047	1.5048	1.5065	1.5227	1.5448	1.5650	1.5866	1.6225	1.8609	2.1648	2.7131
RP1000/A	2.0607	2.1092	2.1508	2.1589	2.1473	2.1675	2.1989	2.2278	2.2434	2.2726	2.6440	2.9608	3.5938
RP10000/A	2.6961	2.7595	2.8102	2.8103	2.7807	2.8069	2.8476	2.8849	2.8896	2.9111	3.4033	3.7927	4.4326
PMP/A	4.5697	4.6772	4.8735	4.8737	4.9375	4.9840	5.0562	5.1225	5.2569	5.4299	6.0910	7.0742	9.3250

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. GSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE			
Y01 114 51	ALISO CANYON COOK 151	985	04	06S	07W	0	S	33.667	117.630	30			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.51	3.26	3.68	3.94	4.08	4.38	4.86	5.12	5.66	6.14	7.24	9.78	15.54
5	3.66	4.95	5.71	6.08	6.31	6.81	7.46	7.78	8.43	9.11	10.67	13.94	20.41
10	4.44	6.07	7.05	7.53	7.83	8.47	9.15	9.53	10.21	10.99	12.51	16.07	23.43
20	5.19	7.12	8.33	8.91	9.28	10.04	10.73	11.16	11.86	12.72	14.39	19.23	26.19
25	5.42	7.45	8.73	9.35	9.74	10.54	11.23	11.67	12.37	13.26	14.97	20.02	27.04
40	5.91	8.13	9.55	10.25	10.69	11.57	12.25	12.73	13.63	14.38	16.17	21.67	28.78
50	6.13	8.45	9.94	10.67	11.13	12.05	12.73	13.22	13.93	14.07	17.22	22.44	29.58
100	6.83	9.43	11.12	11.97	12.49	13.53	14.16	14.72	15.43	16.42	18.41	24.79	32.02
200	7.92	10.38	12.29	13.25	13.83	14.99	15.60	16.19	16.89	17.92	20.04	27.08	34.37
1000	9.09	12.56	14.92	16.16	16.88	18.31	18.81	19.50	20.17	21.29	23.69	32.26	39.61
10000	11.28	15.56	18.36	20.23	21.14	22.95	23.25	24.09	24.69	25.69	28.68	39.43	46.73
PMP	21.33	30.58	36.76	38.91	40.71	44.24	47.13	48.76	51.03	55.07	60.36	77.96	95.92
MEAN	2.790	3.663	4.142	4.460	4.618	4.968	5.420	5.676	6.201	6.667	7.818	10.657	16.327
CLOCK HR. COR.	-1.140	-1.070	-1.040	-1.020	-1.010	-1.010	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
CALCULATED SKEW	1.068	1.070	1.087	1.097	1.101	1.104	1.101	1.093	1.083	1.078	1.061	1.032	1.198
REGIONAL SKEW	1.400	1.300	1.300	1.300	1.300	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	3.769	3.506	4.669	4.224	4.542	4.023	3.312	3.285	3.425	3.010	3.360	6.257	4.123
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1967	1967	1956	1956	1967	1967	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	5.150	7.630	10.840	10.910	11.260	11.260	12.240	12.540	14.430	14.730	17.130	29.440	34.970
NORMALIZED MAX	1.764	1.903	2.632	2.352	2.417	2.265	2.245	2.277	2.510	2.392	2.507	3.458	2.578
CALC. COEF. VAR	.480	.569	.614	.612	.595	.559	.561	.531	.529	.506	.475	.510	.443
REGION. COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.325
USED COEF. VAR	.443	.490	.525	.515	.521	.527	.513	.506	.482	.484	.448	.421	.325
MEAN/A	.1709	.2243	.2537	.2731	.2829	.3043	.3320	.3476	.3798	.4083	.4789	.6527	1.0000
RP10/A	.2721	.3715	.4020	.4612	.4798	.5186	.5603	.5834	.6292	.6732	.7684	1.0211	1.4351
RP25/A	.3230	.4561	.5344	.5784	.5978	.6455	.6875	.7148	.7579	.8120	.9171	1.2264	1.6500
RP50/A	.3757	.5174	.6088	.6537	.6816	.7381	.7793	.8095	.8530	.9107	1.0242	1.3744	1.8119
RP100/A	.4185	.5773	.6813	.7333	.7649	.8288	.8684	.9016	.9448	1.0057	1.1273	1.5192	1.9611
RP1000/A	.5566	.7690	.9136	.9898	1.0337	1.1213	1.1520	1.1946	1.2353	1.3038	1.4509	1.9788	2.4281
RP10000/A	.6967	.9541	1.1380	1.2390	1.2948	1.4053	1.4241	1.4756	1.5120	1.5856	1.7588	2.4148	2.8619
PMP/A	1.3065	1.8731	2.2514	2.3831	2.4948	2.7098	2.8866	2.9861	3.1256	3.3727	3.6967	4.7746	5.8756

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. GSN ORDER SUB Y01 809 9	STATION NAME BEAUMONT IE	ELEV 2600	SEC 11	TWP 03S	RNG LOT 01W	BWN 5	LATITUDE 33.933	LONGITUDE 116.950	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	D=DAYS	H=HOURS				
2	2.29	2.96	3.22	3.39	3.55	3.72	4.02	4.37	4.86	5.13	5.79	8.22	14.72
5	3.47	4.54	5.00	5.28	5.52	5.77	6.10	6.67	7.40	7.71	8.58	12.36	20.71
10	4.27	5.60	6.19	6.56	6.86	7.17	7.60	8.18	9.04	9.34	10.34	15.08	24.43
20	5.04	6.60	7.31	7.78	8.13	8.49	8.93	9.60	10.56	10.84	11.96	17.62	27.82
25	5.28	6.91	7.66	8.16	8.53	8.91	9.35	10.04	11.03	11.30	12.46	18.41	28.68
40	5.78	7.56	8.39	8.96	9.36	9.76	10.20	10.95	11.26	12.26	13.49	20.05	31.00
50	6.02	7.87	8.73	9.34	9.76	10.16	10.60	11.38	12.46	12.70	13.97	20.62	31.99
100	6.74	8.80	9.78	10.49	10.95	11.43	11.82	12.68	13.84	14.04	15.42	23.15	34.99
200	7.44	9.71	10.80	11.62	12.13	12.65	13.02	13.95	15.16	15.35	16.83	25.43	37.59
1000	9.05	11.77	13.12	14.19	14.82	15.45	15.71	16.81	18.20	18.27	19.98	30.59	44.33
10000	11.31	14.65	16.34	17.78	18.57	19.35	19.44	20.78	22.35	22.26	24.30	37.72	53.08
PMP	21.65	28.92	32.35	34.78	35.79	37.27	39.47	42.11	46.57	47.56	51.64	76.05	113.59
MEAN	2.575	3.314	3.627	3.845	4.026	4.221	4.478	4.852	5.356	5.586	6.286	9.092	15.689
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.979	.952	.945	1.028	1.070	1.100	1.163	.896	.865	.707	.639	1.756	1.004
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	3.462	3.404	3.422	4.779	5.766	5.521	4.496	3.797	3.899	3.711	3.345	7.140	4.069
N	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD YEAR	1969	1943	1969	1967	1967	1967	1967	1967	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.990	6.640	7.240	9.380	10.380	10.380	10.380	10.380	11.350	11.520	12.460	24.900	30.900
NORMALIZED MAX	1.923	2.078	2.149	2.942	3.203	3.144	2.859	2.599	2.660	2.603	2.508	3.310	2.769
CALC. COEF. VAR	.427	.483	.463	.489	.493	.464	.461	.438	.421	.404	.392	.495	.350
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1641	.2113	.2312	.2451	.2566	.2690	.2854	.3093	.3414	.3560	.4086	.5795	1.0000
RP10/A	.2725	.3569	.3746	.4180	.4370	.4567	.4847	.5215	.5762	.5951	.6589	.9609	1.5576
RP25/A	.3354	.4406	.4805	.5204	.5430	.5678	.5998	.6398	.7031	.7260	.7943	1.1735	1.8397
RP50/A	.3834	.5014	.5567	.5951	.6218	.6490	.6759	.7251	.7940	.8094	.8905	1.3267	2.0392
RP100/A	.4293	.5606	.6231	.6683	.6982	.7284	.7537	.8079	.8789	.8951	.9831	1.4756	2.2303
RP1000/A	.5771	.7504	.8361	.9042	.9444	.9846	1.0246	1.0846	1.1598	1.1642	1.2738	1.9495	2.8254
RP10000/A	.7208	.9336	1.0417	1.1335	1.1835	1.2333	1.2389	1.3246	1.4244	1.4185	1.5486	2.4040	3.3833
PMP/A	1.3801	1.8432	2.0621	2.1859	2.2813	2.3755	2.5157	2.6843	2.9081	3.0315	3.2912	4.8474	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB T01 742 0	STATION NAME 810 BEAR LAKE DAM	ELEV 6815	SEC 22	TWP 02N	RNG LOT 01W	8WM S	LATITUDE 34.233	LONGITUDE 116.967	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.29	7.05	7.87	8.25	8.61	9.03	9.97	10.74	12.24	13.43	15.51	20.76	35.07
5	8.02	10.84	12.21	12.86	13.39	14.00	15.34	16.40	18.64	20.18	22.97	31.22	49.32
10	9.88	13.35	15.11	15.98	16.64	17.37	18.85	20.12	22.76	24.46	27.69	38.07	58.18
20	11.64	15.75	17.84	18.96	19.73	20.58	22.19	23.59	26.59	28.39	32.03	44.49	66.26
25	12.20	16.49	18.70	19.89	20.76	21.59	23.18	24.68	27.78	29.60	33.37	46.50	68.75
40	13.36	18.04	20.48	21.94	22.74	23.64	25.30	26.92	28.36	32.10	36.13	50.64	73.84
50	13.90	18.77	21.31	22.75	23.67	24.66	26.29	27.97	31.37	33.26	37.42	52.57	76.21
100	15.56	20.99	23.85	25.25	26.38	27.70	29.32	31.16	34.84	36.79	41.31	58.47	83.34
200	17.20	23.31	26.35	28.31	29.44	30.67	32.27	34.29	38.22	40.20	45.68	64.23	90.24
1000	20.92	28.09	32.00	34.57	35.95	37.44	38.95	41.34	45.81	47.84	53.52	77.24	105.59
10000	26.12	34.95	39.87	43.34	45.05	46.90	48.19	51.09	56.27	58.30	65.07	95.25	126.43
PMP	50.02	69.00	78.93	83.37	86.85	90.33	97.86	103.54	117.29	124.58	138.29	192.07	270.96
MEAN	5.948	7.908	8.849	9.369	9.769	10.230	11.102	11.929	13.485	14.631	16.833	22.961	37.370
CLOCK HR. COR.	1.140	1.070	1.060	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.617	2.4575	3.1400	3.2705	3.4747	3.6805	3.8742	4.0580	4.3009	4.5288	4.7437	5.1563	1.2286
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.400	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.400	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	6.540	12.153	8.469	7.410	7.132	6.644	7.377	6.633	5.427	5.020	4.614	6.483	4.615
N	91	91	91	90	89	89	90	90	90	90	90	90	91
RECORD YEAR	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891	1891
RECORD MAXIMUM	16.100	32.100	33.400	33.800	34.000	34.000	38.500	40.200	40.300	40.800	45.700	73.650	93.100
NORMALIZED MAX	3.185	4.885	4.440	4.317	4.260	4.019	4.262	4.188	3.483	3.196	3.174	4.006	3.408
CALC. COEF. VAR	.336	.626	.625	.604	.582	.578	.579	.569	.571	.560	.540	.551	.438
REGN. COEF. VAR	.494	.915	.928	.928	.926	.922	.921	.912	.913	.901	.881	.891	.416
USED COEF. VAR	.494	.915	.928	.928	.926	.922	.921	.912	.913	.901	.881	.891	.416
MEAN/A	.1592	.2116	.2368	.2507	.2614	.2738	.2971	.3192	.3609	.3915	.4505	.6144	1.0000
RP10/A	.2443	.3577	.4044	.4277	.4494	.4684	.5048	.5382	.6044	.6537	.7437	1.0188	1.5370
RP25/A	.3265	.4414	.5004	.5324	.5540	.5778	.6202	.6604	.7433	.7922	.8930	1.2442	1.8397
RP50/A	.3719	.5022	.5702	.6089	.6335	.6604	.7036	.7484	.8393	.8901	1.0012	1.4067	2.0392
RP100/A	.4164	.5615	.6383	.6838	.7112	.7412	.7845	.8339	.9322	.9844	1.1053	1.5046	2.2303
RP1000/A	.5598	.7517	.8564	.9252	.9620	1.0018	1.0523	1.1081	1.2266	1.2603	1.4322	2.0070	2.8254
RP10000/A	.6991	.9352	1.0670	1.1597	1.2056	1.2550	1.2896	1.3672	1.5058	1.5600	1.7411	2.5490	3.3833
PMP/A	1.3386	1.8463	2.1122	2.2364	2.3240	2.4173	2.6187	2.7707	3.1376	3.3338	3.7005	5.1397	7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 1779 0	STATION NAME CLAREMONT POMONA COLLEGE	ELEV 1201	SEC 10	TWP 01S	RNG LOT 08W	8WM S	LATITUDE 34.097	LONGITUDE 117.709	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.72	3.57	3.91	4.10	4.27	4.53	4.94	5.23	5.90	6.36	7.46	9.82	16.44
5	4.13	5.49	6.07	6.39	6.65	7.02	7.80	8.00	8.99	9.56	11.04	14.77	23.12
10	5.09	6.77	7.51	7.94	8.26	8.72	9.34	9.81	10.97	11.58	13.31	18.01	27.28
20	6.00	7.98	8.88	9.42	9.79	10.33	10.97	11.50	12.82	13.44	15.40	21.05	31.06
25	6.29	8.36	9.30	9.89	10.27	10.64	11.48	12.03	13.39	14.01	16.05	22.00	32.23
40	6.88	9.14	10.19	10.86	11.28	11.89	12.53	13.12	13.67	15.20	17.37	23.96	34.62
50	7.16	9.51	10.60	11.31	11.75	12.38	13.02	13.63	15.12	15.75	17.99	24.87	35.72
100	8.02	10.63	11.87	12.70	13.19	13.90	14.52	15.19	16.79	17.42	19.86	27.66	39.07
200	8.86	11.73	13.11	14.07	14.61	15.39	15.99	16.71	18.42	19.03	21.68	30.39	42.30
1000	10.78	14.23	18.92	17.19	17.84	18.79	19.30	20.15	22.08	22.65	25.74	36.55	49.50
10000	13.46	17.71	19.84	21.54	22.36	23.54	23.87	24.91	27.12	27.60	31.29	45.07	59.23
PMP	25.78	34.95	39.27	41.55	43.10	45.33	48.48	50.47	56.52	58.68	66.45	90.88	126.43
MEAN	3.065	4.006	4.402	4.658	4.849	5.134	5.500	5.815	6.500	6.926	8.094	10.864	17.518
CLOCK HR. COR.	1.140	1.070	1.060	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.084	1.298	1.234	1.138	1.004	.883	.690	.630	.651	.642	.652	.955	.879
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.109	4.682	4.337	3.890	3.547	3.304	3.059	2.928	3.243	3.039	3.251	4.085	3.601
N	79	79	79	79	79	79	79	79	79	79	79	79	78
RECORD YEAR	1956	1943	1943	1914	1914	1943	1969	1969	1916	1916	1914	1969	1941
RECORD MAXIMUM	6.950	10.280	10.540	10.820	10.920	11.360	12.340	12.670	15.140	15.540	17.830	26.190	38.360
NORMALIZED MAX	2.787	3.032	2.733	2.388	2.509	2.486	2.672	2.638	2.937	2.803	2.762	3.144	3.141
CALC. COEF. VAR	.455	.516	.510	.511	.499	.499	.455	.447	.453	.439	.435	.449	.379
REGN. COEF. VAR	.457	.519	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.454	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1750	.2287	.2513	.2649	.2768	.2931	.3139	.3319	.3710	.3954	.4621	.6202	1.0000
RP10/A	.2905	.3984	.4290	.4535	.4714	.4895	.5332	.5597	.6263	.6609	.7599	1.0283	1.5570
RP25/A	.3389	.4770	.5310	.5645	.5865	.6185	.6654	.6867	.7642	.8000	.9160	1.2598	1.8397
RP50/A	.4088	.5427	.6051	.6457	.6706	.7009	.7435	.7782	.8630	.8969	1.0239	1.4159	2.0392
RP100/A	.4577	.6169	.6774	.7251	.7530	.7825	.8291	.8672	.9586	.9941	1.1338	1.5792	2.2303
RP1000/A	.6154	.8123	.9088	.9811	1.0185	1.0725	1.1015	1.1502	1.2606	1.2919	1.4691	2.0663	2.8254
RP10000/A	.7685	1.0107	1.1323	1.2298	1.2764	1.3435	1.3628	1.4217	1.5483	1.5794	1.7860	2.5727	3.3833
PMP/A	1.4473	1.9953	2.2416	2.3715	2.4605	2.5677	2.7674	2.8811	3.2262	3.3667	3.7957	5.1876	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 1941 0	STATION NAME COLTON SPRR	ELEV 973	SEC	TWP	RNO LOT	BWM	LATITUDE 34.065	LONGITUDE 117.322	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.64	2.57	2.87	3.05	3.20	3.40	3.90	3.90	4.43	4.86	5.61	7.65	13.14
5	3.10	3.07	3.44	3.69	3.89	4.28	5.69	6.02	6.84	7.43	8.44	11.61	18.55
10	3.83	3.94	5.61	5.95	6.23	6.58	7.09	7.48	8.51	9.21	10.40	14.34	21.97
20	4.56	5.87	6.68	7.08	7.42	7.84	8.43	8.88	10.11	10.92	12.28	16.97	25.12
40	4.76	6.16	7.02	7.44	7.80	8.23	8.86	9.33	10.62	11.48	12.88	17.80	26.93
60	5.22	6.77	7.73	8.19	8.58	9.05	9.74	10.25	11.67	12.59	14.12	19.53	28.95
100	5.44	7.06	8.06	8.54	8.95	9.44	10.16	10.69	12.17	13.11	14.70	20.34	29.92
200	6.11	7.95	9.08	9.63	10.08	10.63	11.44	12.02	13.69	14.74	16.49	22.84	31.84
400	6.77	8.62	10.09	10.69	11.19	11.81	12.70	13.34	15.34	16.34	18.25	25.31	34.58
1000	8.28	10.82	12.39	13.13	13.74	14.43	15.58	16.35	18.62	20.01	22.29	30.94	40.70
10000	10.40	13.02	15.62	16.56	17.33	18.26	19.64	20.58	23.44	25.15	27.95	38.06	49.06
PMP	19.43	25.54	29.36	31.13	32.56	34.28	36.86	38.58	43.94	47.03	52.06	72.51	102.13
MEAN	2.310	2.927	3.292	3.490	3.662	3.882	4.182	4.444	5.054	5.523	6.337	8.668	14.106
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.485	1.485	1.299	1.361	1.264	1.058	.887	.858	1.077	1.070	1.389	1.032	.623
REGIONAL SKEW	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
SKEW USED	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
KURTOSIS	9.079	6.158	5.093	5.215	4.873	4.128	3.548	3.562	4.353	4.245	5.681	4.401	3.289
N	45	45	45	45	45	45	45	45	45	45	45	45	45
RECORD YEAR	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916
RECORD MAXIMUM	9.250	7.950	8.880	9.450	9.570	9.090	9.800	10.250	14.170	15.290	18.630	22.380	28.560
NORMALIZED MAX	2.584	3.334	3.334	3.043	2.890	2.776	2.575	2.554	3.162	3.048	3.000	2.448	2.448
CALC. COEF. VAR	.501	.515	.542	.561	.558	.557	.530	.511	.562	.559	.547	.496	.420
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491	.491	.416
MEAN/A	.1638	.2075	.2333	.2474	.2596	.2752	.2965	.3191	.3582	.3915	.4492	.6165	1.0000
RP10/A	.2718	.3587	.4015	.4215	.4417	.4624	.4924	.5231	.6033	.6531	.7373	1.0168	1.5576
RP25/A	.3374	.4368	.4977	.5277	.5527	.5835	.6279	.6612	.7526	.8125	.9129	1.2619	1.8498
RP50/A	.3857	.5006	.5713	.6057	.6342	.6693	.7202	.7576	.8624	.9297	1.0419	1.4422	2.0575
RP100/A	.4332	.5634	.6437	.6824	.7144	.7537	.8109	.8523	.9703	1.0448	1.1608	1.6193	2.2574
RP1000/A	.5872	.7668	.8762	.9309	.9743	1.0271	1.1048	1.1593	1.3201	1.4182	1.5800	2.1935	2.8649
RP10000/A	.7376	.9654	1.1072	1.1738	1.2282	1.2942	1.3920	1.4592	1.6617	1.7829	1.9817	2.7545	3.4781
PMP/A	1.3773	1.8104	2.0815	2.2066	2.3080	2.4302	2.6133	2.7348	3.1149	3.3340	3.6902	5.1402	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 2031 0	STATION NAME .CORONA	ELEV 369	SEC TWP	RNO LOT	BWM C S	LATITUDE 33.875	LONGITUDE 117.567	COUNTY CODE 33					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.05	2.64	2.86	3.45	3.13	3.73	4.02	3.78	4.43	4.76	5.50	7.35	11.73
5	3.11	4.06	4.43	5.37	4.86	5.78	6.19	5.77	6.75	7.15	8.15	11.06	16.50
10	3.63	5.01	5.49	6.57	6.04	7.18	7.60	7.08	8.24	8.67	9.62	13.48	19.46
20	4.52	5.90	6.48	7.91	7.17	8.50	8.93	8.31	9.63	10.06	11.36	15.76	22.16
25	4.73	6.19	6.79	8.31	7.52	8.92	9.35	8.69	10.06	10.49	11.84	16.47	22.99
40	5.18	6.77	7.44	9.12	8.25	9.79	10.20	9.48	10.27	11.38	12.82	17.93	24.70
50	5.39	7.04	7.74	9.50	8.60	10.20	10.60	9.85	11.36	11.79	13.27	18.62	25.49
60	6.04	7.87	8.66	10.67	9.65	11.44	11.82	10.97	12.62	13.04	14.65	20.71	27.88
100	6.67	8.68	9.57	11.82	10.69	12.67	13.02	12.07	13.84	14.25	15.99	22.75	30.18
1000	8.12	10.53	11.62	14.43	13.66	15.47	15.71	14.55	16.59	16.96	18.98	27.36	35.32
10000	10.14	13.11	14.18	18.09	16.38	19.38	19.43	17.99	20.38	20.68	23.08	33.94	42.29
PMP	19.41	25.87	28.67	34.69	31.54	37.32	39.46	36.45	42.46	44.16	49.05	68.03	90.49
MEAN	2.308	2.965	3.214	3.912	3.548	4.227	4.477	4.199	4.884	5.186	5.971	8.132	12.499
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.260	1.333	1.227	1.274	1.170	1.150	1.064	1.022	1.118	1.101	1.263	1.482	1.949
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.330	5.037	4.354	4.314	4.007	3.891	3.682	3.637	3.905	4.010	4.944	5.103	3.510
N	62	62	62	29	29	29	29	29	29	29	29	29	29
RECORD YEAR	1927	1943	1943	1943	1938	1943	1943	1922	1943	1949	1916	1969	1937
RECORD MAXIMUM	5.050	8.050	8.300	8.500	8.650	8.900	9.600	10.290	10.550	11.430	17.720	20.710	25.750
NORMALIZED MAX	2.248	3.226	2.904	2.321	2.614	2.264	2.293	2.706	2.367	2.520	3.629	2.974	2.429
CALC. COEF. VAR	.529	.531	.545	.505	.550	.488	.499	.536	.486	.478	.508	.520	.436
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491	.491	.416
MEAN/A	.1846	.2373	.2571	.3129	.2839	.3382	.3582	.3359	.3907	.4149	.4777	.6506	1.0000
RP10/A	.3066	.4009	.4389	.5338	.4835	.5741	.6063	.5665	.6595	.6935	.7857	1.0788	1.5576
RP25/A	.3767	.4948	.5434	.6665	.6016	.7137	.7477	.6950	.8048	.8395	.9471	1.3175	1.8397
RP50/A	.4314	.5631	.6192	.7600	.6813	.8157	.8483	.7877	.9088	.9433	1.0618	1.4886	2.0397
RP100/A	.4830	.6296	.6931	.8535	.7723	.9156	.9459	.8777	1.0094	1.0431	1.1722	1.6567	2.2303
RP1000/A	.6494	.8427	.9300	1.1548	1.0447	1.2375	1.2567	1.1641	1.3274	1.3567	1.5189	2.1087	2.8254
RP10000/A	.8111	1.0485	1.1586	1.4475	1.3092	1.5502	1.5548	1.4389	1.6304	1.6531	1.8465	2.6991	3.3833
PMP/A	1.5529	2.0700	2.2937	2.7914	2.5236	2.9859	3.1373	2.9166	3.3972	3.5247	3.9424	5.4424	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT REPRESENTATIVE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 2033 2	STATION NAME CORONA SOUTH	ELEV 1050	SEC 07	TWP 04S	RNG LOT 06W	BMN S	LATITUDE 33-838	LONGITUDE 117-545	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.11	2.75	3.00	3.17	3.30	3.50	3.80	4.02	4.49	4.84	5.57	7.45	12.05
5	3.20	4.23	4.85	4.94	5.13	5.43	5.85	6.14	6.83	7.28	8.25	11.20	16.95
10	3.94	5.22	5.75	6.14	6.37	6.73	7.19	7.53	8.34	8.62	9.94	13.66	19.99
20	4.65	6.15	6.79	7.29	7.56	7.98	8.44	8.83	9.74	10.23	11.50	15.97	22.76
25	4.87	6.44	7.12	7.65	7.93	8.37	8.83	9.24	10.18	10.67	11.98	16.69	23.62
40	5.33	7.04	7.80	8.39	8.71	9.18	9.64	10.07	10.39	11.57	12.98	18.17	25.37
50	5.55	7.33	8.11	8.74	9.07	9.57	10.04	10.47	11.49	11.99	13.44	18.87	26.88
100	6.21	8.19	9.08	9.82	10.18	10.74	11.18	11.66	12.77	13.26	14.83	20.98	28.63
200	6.86	9.04	10.03	10.88	11.28	11.89	12.30	12.83	14.00	14.49	16.19	23.05	31.00
1000	8.35	10.96	12.19	13.29	13.77	14.51	14.85	15.47	16.79	17.25	19.22	27.72	36.27
10000	10.43	13.64	15.18	16.45	17.26	18.18	19.37	19.12	20.62	21.01	23.37	34.19	42.44
PMP	19.96	26.93	30.06	32.12	33.28	35.02	37.30	38.75	42.97	44.91	49.66	68.93	92.95
MEAN	2.374	3.087	3.378	3.600	3.743	3.966	4.232	4.464	4.941	5.274	6.045	8.240	12.838
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.312	1.426	1.445	1.311	1.325	1.369	1.204	1.225	1.370	1.281	1.397	1.604	1.008
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.388	4.886	5.134	4.415	4.353	4.607	4.041	4.061	4.574	4.263	4.977	5.751	3.578
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1943	1943	1943	1927	1943	1943	1969	1943	1916	1916	1916	1969	1969
RECORD MAXIMUM	5.950	8.450	9.530	9.980	10.100	10.930	11.120	11.600	13.950	14.300	17.460	24.730	29.080
NORMALIZED MAX	2.623	2.984	3.253	2.980	2.799	2.933	2.759	2.711	3.052	2.995	3.404	3.642	2.851
CALC. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1849	.2404	.2625	.2804	.2915	.3089	.3296	.3477	.3849	.4108	.4709	.6419	1.0000
RP10/A	.3070	.4062	.4480	.4704	.4955	.5244	.5598	.5864	.6497	.6866	.7745	1.0543	1.9570
RP25/A	.3793	.5015	.5566	.5955	.6178	.6520	.6881	.7194	.7928	.8312	.9335	1.2598	1.9397
RP50/A	.4320	.5708	.6320	.6811	.7085	.7452	.7808	.8153	.8953	.9339	1.0466	1.4466	2.0392
RP100/A	.4837	.6380	.7074	.7648	.7932	.8304	.8704	.9084	.9943	1.0328	1.1554	1.6344	2.2303
RP1000/A	.6503	.8540	.9492	1.0349	1.0729	1.1305	1.1564	1.2049	1.3077	1.3433	1.4971	2.1593	2.8284
RP10000/A	.8121	1.0526	1.1826	1.2972	1.3446	1.4162	1.4368	1.4893	1.6051	1.6367	1.8200	2.6828	3.3833
PMP/A	1.5551	2.0917	2.3412	2.5012	2.5919	2.7277	2.9055	3.0182	3.3671	3.4918	3.8662	5.3892	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 2033 3	STATION NAME CORONA SDF	ELEV 638	SEC 13	TWP 03S	RNG LOT 07W	BMN S	LATITUDE 33-902	LONGITUDE 117-561	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.63	2.15	2.27	2.37	2.42	2.60	3.02	3.18	3.44	3.70	4.22	5.58	9.55
5	2.48	3.31	3.53	3.69	3.77	4.04	4.64	4.86	5.23	5.56	6.25	8.38	13.43
10	3.05	4.08	4.37	4.58	4.68	5.01	5.71	5.96	6.39	6.73	7.53	10.23	15.84
20	3.60	4.81	5.16	5.44	5.55	5.94	6.71	6.99	7.46	7.81	8.71	11.95	16.04
25	3.77	5.04	5.41	5.71	5.83	6.23	7.02	7.32	7.80	8.15	9.06	12.49	18.72
40	4.13	5.51	5.92	6.26	6.39	6.83	7.66	7.98	8.49	8.84	9.83	13.60	20.11
50	4.29	5.73	6.16	6.53	6.66	7.12	7.96	8.29	8.80	9.16	10.18	14.12	20.75
100	4.81	6.41	6.89	7.33	7.48	7.99	8.88	9.24	9.78	10.12	11.24	15.70	22.70
200	5.31	7.09	7.62	8.12	8.28	8.85	9.77	10.16	10.73	11.07	12.26	17.25	24.58
1000	6.46	8.58	9.25	9.92	10.12	10.80	11.70	12.25	12.86	13.17	14.56	20.75	28.75
10000	8.07	10.68	11.53	12.43	12.68	13.53	14.59	15.14	15.80	16.05	17.70	25.58	34.43
PMP	15.45	21.08	22.82	23.97	24.44	26.05	29.63	30.69	32.91	34.29	37.61	51.58	73.68
MEAN	1.837	2.416	2.558	2.687	2.749	2.951	3.361	3.536	3.785	4.027	4.579	6.187	10.177
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.832	1.105	.901	.878	.769	.556	.471	.460	.521	.430	.350	.280	1.888
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	3.212	4.761	4.138	3.417	3.487	3.154	3.313	3.674	4.637	4.917	4.213	6.758	5.151
N	24	23	24	21	23	22	23	24	24	23	24	24	24
RECORD YEAR	1956	1956	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	5.130	5.130	5.220	5.290	5.460	5.490	7.020	7.490	9.020	9.320	10.780	17.450	22.880
NORMALIZED MAX	1.510	2.443	2.198	2.206	2.264	2.097	2.363	2.460	2.870	2.841	2.736	3.499	2.910
CALC. COEF. VAR	.460	.460	.473	.439	.466	.467	.461	.474	.482	.463	.495	.523	.429
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1805	.2374	.2514	.2641	.2701	.2899	.3303	.3474	.3720	.3957	.4499	.6080	1.0000
RP10/A	.2998	.4012	.4291	.4505	.4589	.4899	.5509	.5678	.6514	.6841	.7400	1.0468	1.8900
RP25/A	.3705	.4952	.5312	.5608	.5724	.6120	.6994	.7198	.7662	.8007	.8920	1.2271	1.8397
RP50/A	.4218	.5635	.6053	.6413	.6545	.6994	.7821	.8146	.8652	.8997	1.0001	1.3874	2.0392
RP100/A	.4723	.6301	.6775	.7202	.7349	.7895	.8722	.9077	.9610	.9949	1.1041	1.5430	2.2303
RP1000/A	.6350	.8431	.9090	.9745	.9914	1.0811	1.1587	1.2040	1.2638	1.2948	1.4305	2.0685	2.6223
RP10000/A	.7930	1.0494	1.1326	1.2215	1.2450	1.3292	1.4336	1.4882	1.5522	1.5747	1.7391	2.5139	3.3833
PMP/A	1.5183	2.0717	2.2421	2.3556	2.4014	2.5601	2.9112	3.0158	3.2343	3.3694	3.6961	5.0689	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 2034 21	STATION NAME CHASE + TAYLOR	ELEV 1055	SEC 02	TWP 04S	RNO LOT 07W	8WN S	LATITUDE 33.844	LONGITUDE 117.577	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.43	3.12	3.43	3.58	3.80	3.93	4.29	4.53	4.85	5.22	6.07	8.26	13.47
5	3.69	4.79	5.33	5.57	5.90	6.09	6.60	6.93	7.38	7.84	8.94	12.43	18.95
10	4.54	5.91	6.59	6.93	7.34	7.55	8.11	8.49	9.01	9.50	10.84	15.16	22.35
20	5.35	6.96	7.79	8.22	8.70	8.95	9.63	9.96	10.83	11.03	12.54	17.71	25.45
25	5.61	7.29	8.16	8.62	9.13	9.39	9.97	10.42	11.00	11.50	13.07	18.51	26.41
40	6.14	7.98	8.94	9.47	10.02	10.30	10.89	11.37	11.23	12.47	14.15	20.16	28.36
50	6.39	8.26	9.30	9.84	10.44	10.73	11.34	11.81	12.45	12.92	14.35	20.93	29.27
100	7.15	9.28	10.41	11.08	11.72	12.05	12.61	13.16	13.79	14.29	16.18	23.28	32.01
200	7.90	10.24	11.30	12.07	12.88	13.34	13.89	14.48	15.13	15.62	17.66	25.87	34.66
1000	9.61	12.42	13.97	14.99	15.85	16.28	16.76	17.45	18.14	18.59	20.98	30.75	40.56
PMP	22.99	15.45	17.46	19.86	20.97	20.74	21.87	22.28	22.65	22.65	24.46	37.92	48.56
	22.99	30.50	34.46	36.23	38.29	39.28	42.11	43.72	46.43	48.40	54.16	76.46	103.93
MEAN	2.734	3.496	3.863	4.062	4.307	4.449	4.777	5.037	5.340	5.685	6.593	9.140	14.394
CLOCK HR. COR.	1.140	1.070	1.060	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.671	1.536	1.585	1.363	1.474	1.649	1.307	1.264	1.237	1.064	1.181	1.765	1.167
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	6.032	5.486	5.733	4.804	4.958	5.612	4.618	4.547	4.605	4.141	4.466	6.781	4.087
N	44	44	41	43	42	43	43	43	44	44	44	44	44
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.770	8.990	10.070	10.070	10.680	11.670	11.670	12.370	13.150	13.500	16.350	27.300	32.400
NORMALIZED MAX	2.821	2.947	2.910	2.703	2.760	3.072	2.851	2.902	2.776	2.764	3.121	3.703	2.708
CALC. COEF. VAR	.523	.533	.552	.477	.536	.586	.506	.527	.494	.474	.536	.464	.464
RECN. COEF. VAR	.494	.515	.520	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1904	.2436	.2691	.2830	.3000	.3099	.3328	.3509	.3720	.3960	.4593	.6368	1.0000
RP10/A	.3162	.4115	.4594	.4827	.5110	.5262	.5652	.5917	.6279	.6620	.7554	1.0559	1.5570
RP25/A	.3706	.5080	.5696	.6008	.6358	.6541	.6947	.7259	.7662	.8013	.9105	1.2895	1.8397
RP50/A	.4450	.5701	.6480	.6872	.7270	.7476	.7881	.8227	.8653	.9004	1.0209	1.4579	2.0392
RP100/A	.4982	.6463	.7293	.7717	.8163	.8392	.8788	.9167	.9610	.9957	1.1270	1.6215	2.2303
RP1000/A	.6698	.8652	.9732	1.0442	1.1042	1.1342	1.1676	1.2159	1.2639	1.2950	1.4603	2.1422	2.8254
RP10000/A	.8364	1.0784	1.2125	1.3089	1.3838	1.4208	1.4445	1.5029	1.5523	1.5779	1.7753	2.6417	3.3833
PMP/A	1.6016	2.1251	2.4004	2.5249	2.6074	2.7386	2.9334	3.0457	3.2345	3.3721	3.7730	5.3266	7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 2034 22	STATION NAME UPPER DRIVE	ELEV 1235	SEC 12	TWP 04S	RNO LOT 07W	8WN 5	LATITUDE 33.834	LONGITUDE 117.581	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.96	3.64	3.95	4.19	4.36	4.52	4.99	5.30	5.82	6.28	7.20	9.63	15.62
5	4.48	5.60	6.14	6.53	6.78	7.01	7.67	8.10	8.86	9.43	10.67	14.78	21.97
10	5.52	6.90	7.59	8.12	8.42	8.70	9.43	9.93	10.81	11.43	12.66	18.02	25.92
20	6.91	8.14	8.97	9.63	9.99	10.31	11.08	11.65	12.63	13.27	14.88	21.06	29.52
25	6.82	8.52	9.40	10.11	10.48	10.82	11.60	12.10	13.20	13.83	15.30	22.01	30.62
40	7.47	9.32	10.30	11.10	11.50	11.87	12.68	13.30	14.47	15.00	16.79	23.97	32.69
50	7.77	9.70	10.71	11.56	11.98	12.36	13.15	13.61	14.90	15.54	17.38	24.88	33.95
100	8.70	10.84	11.99	12.98	13.45	13.87	14.67	15.39	16.55	17.19	19.19	27.67	37.13
200	9.62	11.97	13.25	14.38	14.90	15.36	16.15	16.93	18.16	18.79	20.94	30.40	40.20
1000	11.70	14.51	16.09	17.57	18.26	18.75	19.49	20.41	21.77	22.36	24.86	36.56	47.03
10000	14.61	18.06	20.05	22.02	22.81	23.40	24.11	25.23	26.73	27.24	30.23	45.08	56.32
PMP	27.97	35.65	39.69	42.47	43.96	45.25	48.96	51.13	55.71	58.22	64.24	90.50	120.52
MEAN	3.326	4.086	4.449	4.761	4.945	5.124	5.554	5.891	6.407	6.837	7.820	10.867	16.647
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.534	1.300	1.047	1.405	1.445	1.477	1.303	1.207	1.266	1.109	1.200	1.893	1.176
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	5.552	5.114	6.032	4.877	4.957	5.116	4.774	4.612	5.054	4.274	4.550	7.014	4.270
N	43	43	43	43	43	43	43	43	43	43	43	43	43
RECORD YEAR	1943	1943	1969	1969	1943	1943	1989	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	7.920	10.610	12.470	12.470	12.350	13.740	14.890	15.320	17.170	17.170	20.390	34.900	40.260
NORMALIZED MAX	2.631	3.021	3.022	2.779	2.826	2.895	2.967	2.731	2.810	2.810	3.245	3.945	3.037
CALC. COEF. VAR	.525	.529	.596	.583	.586	.583	.567	.549	.535	.513	.506	.561	.471
RECN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1998	.2454	.2673	.2860	.2971	.3078	.3336	.3539	.3849	.4107	.4698	.6520	1.0000
RP10/A	.3317	.4147	.4582	.4879	.5059	.5226	.5687	.5968	.6496	.6865	.7727	1.0825	1.5370
RP25/A	.4084	.5119	.5668	.6073	.6298	.6497	.6965	.7321	.7827	.8211	.9149	1.3119	1.8537
RP50/A	.4668	.5825	.6436	.6946	.7198	.7426	.7902	.8297	.8952	.9338	1.0442	1.4946	2.0392
RP100/A	.5227	.6913	.7204	.7800	.8082	.8335	.8811	.9245	.9943	1.0327	1.1528	1.6623	2.2303
RP1000/A	.7027	.8718	.9266	1.0554	1.0932	1.1265	1.1708	1.2283	1.3076	1.3431	1.4936	2.1961	2.8254
RP10000/A	.8773	1.0847	1.2043	1.3229	1.3700	1.4112	1.4483	1.5187	1.6000	1.6368	1.8188	2.7082	3.3833
PMP/A	1.6802	2.1414	2.3841	2.5912	2.6409	2.7181	2.9411	3.0717	3.3464	3.4973	3.8592	5.4600	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB			STATION NAME		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNT CODE
Y01	2034	50	TEMESCAL WTR CO		680	25	035	07W		S	33.873	117.566	33
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200			
2	1.93	2.53	2.82	2.99	3.11	3.27	3.58	3.81	4.28	4.63			
5	2.93	3.88	4.38	4.66	4.84	5.08	5.50	5.82	6.62	6.96			
10	3.61	4.79	5.41	5.79	6.01	6.30	6.76	7.14	7.96	8.43			
20	4.26	5.64	6.39	6.87	7.13	7.46	7.94	8.38	9.30	9.79			
25	4.46	5.91	6.70	7.21	7.48	7.83	8.31	8.76	9.72	10.21			
40	4.88	6.46	7.34	7.91	8.21	8.59	9.08	9.56	9.92	11.07			
50	5.08	6.72	7.64	8.24	8.56	8.95	9.43	9.93	10.97	11.47			
100	5.69	7.52	8.55	9.25	9.61	10.05	10.52	11.07	12.19	12.69			
200	6.29	8.30	9.44	10.25	10.64	11.18	11.68	12.31	13.47	13.96			
1000	7.65	10.05	11.47	12.52	13.00	13.58	13.97	14.68	16.03	16.50			
10000	9.55	12.52	14.29	15.70	15.29	17.01	17.29	18.14	19.69	20.10			
PMP	18.29	24.72	28.29	30.27	31.40	32.76	35.10	36.77	41.02	42.96			
MEAN													
	2.175	2.633	3.171	3.393	3.532	3.711	3.982	4.236	4.718	5.045			
CLOCK HR. COR.	1.140	1.070	1.050	1.028	1.010	1.010	1.008	1.000	1.000	1.000			
CALCULATED SKEW	1.673	1.350	1.271	1.148	1.133	1.161	1.128	1.030	1.078	1.226			
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000			
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000			

KURTOSIS	6.336	5.151	4.791	4.250	4.128	4.251	4.098	3.874	3.999	4.615	4.149	6.791	4.188
RECORD YEAR	61	61	61	61	61	61	61	61	61	61	61	61	61
RECORD YEAR	1943	1943	1943	1927	1943	1943	1949	1946	1916	1916	1969	1969	1969
RECORD MAXIMUM	5.810	7.620	6.580	9.080	9.090	9.080	10.620	10.672	12.300	13.570	14.950	24.470	28.630
NORMALIZED MAX	2.837	3.114	3.050	2.932	2.788	2.943	2.950	2.790	2.637	3.041	2.940	4.058	3.001
CALC. COEF. VAR	.540	.543	.559	.572	.564	.565	.565	.544	.566	.543	.526	.436	.436
REGION. COEF. VAR	.494	.518	.528	.528	.528	.522	.521	.512	.512	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1753	.2284	.2556	.2735	.2847	.2991	.3210	.3414	.3803	.4067	.4661	.6291	1.0000
RP10/A	.2911	.3859	.4363	.4665	.4848	.5078	.5451	.5758	.6419	.6798	.7634	1.0432	1.6000
RP25/A	.3506	.4763	.5401	.5808	.6033	.6313	.6701	.7064	.7833	.8228	.9202	1.2740	1.8397
RP50/A	.4497	.5420	.6155	.6642	.6898	.7215	.7602	.8005	.8846	.9246	1.0317	1.4404	2.0392
RP100/A	.4587	.6061	.6870	.7459	.7745	.8096	.8476	.8925	.9925	1.0225	1.1369	1.6020	2.2303
RP1000/A	.6167	.8112	.9244	1.0693	1.0476	1.0945	1.1262	1.1831	1.2920	1.3298	1.4757	2.1165	2.6254
RP10000/A	.7157	1.0093	1.1517	1.2651	1.3128	1.3711	1.3933	1.4624	1.5869	1.6203	1.7940	2.6100	3.3633
PMP/A	1.4746	1.9926	2.2800	2.4397	2.5307	2.6409	2.8294	2.9636	3.3066	3.4628	3.8129	5.2627	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 2775 0	STATION NAME EL MODENA	ELEV 464	SEC 24	TWP 04S	RNG LOT 09W L	BWM S	LATITUDE 33.800	LONGITUDE 117.782	COUNTY CODE 30	
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	2.28	2.88	3.07	3.14	3.21	3.36	3.71	4.04	4.51	4.94
5	3.46	4.43	4.76	4.89	4.99	5.21	5.71	6.18	6.87	7.42
10	4.26	5.46	5.89	6.08	6.20	6.46	7.02	7.58	8.39	8.99
20	5.02	6.43	6.96	7.21	7.35	7.66	8.24	8.89	9.80	10.44
25	5.26	6.74	7.30	7.57	7.71	8.03	8.62	9.29	10.23	10.89
40	5.75	7.37	7.99	8.31	8.46	8.81	9.42	10.14	10.45	11.80
50	5.99	7.67	8.32	8.66	8.82	9.18	9.78	10.53	11.50	12.23
100	6.70	8.57	9.31	9.72	9.90	10.30	10.91	11.74	12.84	13.53
200	7.41	9.46	10.28	10.77	10.97	11.41	12.01	12.91	14.08	14.78
1000	9.01	11.48	12.49	13.15	13.39	13.93	14.50	15.57	16.88	17.59
10000	11.26	14.28	15.56	16.49	16.78	17.45	17.93	19.24	20.73	21.44
PMP	21.55	28.19	30.86	31.79	32.35	33.60	36.42	38.99	43.20	45.81
MEAN	2.563	3.231	3.453	3.564	3.639	3.806	4.131	4.493	4.968	5.380
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.725	1.490	1.251	1.185	1.238	1.268	.898	.820	.706	.679
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000

KURTOSIS	7.429	5.842	4.468	3.879	4.086	4.405	3.304	3.419	3.283	3.214	4.495	6.151	9.074
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1941	1941	1941	1941
RECORD MAXIMUM	6.380	8.100	8.780	8.780	9.100	9.780	9.850	10.640	10.990	11.740	16.100	23.300	41.670
NORMALIZED MAX	2.772	2.739	2.855	2.859	2.667	2.810	2.560	2.680	2.396	2.258	2.922	3.211	3.687
CALC. COEF. VAR	.537	.558	.581	.532	.561	.559	.514	.514	.514	.514	.501	.491	.416
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1875	.2304	.2526	.2608	.2662	.2784	.3023	.3287	.3635	.3936	.4669	.6122	1.0000
RP10/A	.3113	.3994	.4313	.4448	.4534	.4727	.5134	.5543	.6135	.6579	.7679	1.0152	1.5970
RP25/A	.3846	.4930	.5339	.5537	.5642	.5827	.6310	.6800	.7487	.7964	.9257	1.2347	1.8470
RP50/A	.4381	.5510	.5851	.6332	.6561	.6716	.7159	.7677	.8455	.8849	1.0378	1.4017	2.0392
RP100/A	.4905	.6272	.6810	.7122	.7243	.7539	.7982	.8587	.9390	.9897	1.1457	1.5559	2.2303
RP1000/A	.6595	.8396	.9137	.9623	.9797	1.0189	1.0605	1.1390	1.2349	1.2872	1.4845	2.0596	2.8294
RP10000/A	.8236	1.0446	1.1384	1.2062	1.2278	1.2764	1.3121	1.4078	1.5168	1.5683	1.8474	2.5398	3.3633
PMP/A	1.5770	2.0623	2.2536	2.3608	2.3668	2.4905	2.8445	2.8530	3.1605	3.3516	3.6356	5.1212	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 2895 0	STATION NAME ETIWANDA	ELEV 1390	SEC 32	TWP 01N	RNG 06W	LOT 5	LATITUDE 34.125	LONGITUDE 117.525	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.11	4.27	4.46	4.62	4.89	5.12	5.52	5.90	6.47	7.05	8.15	11.05	16.78
5	4.71	6.56	6.92	7.20	7.61	7.94	8.50	9.01	9.85	10.60	12.08	16.61	26.42
10	5.80	8.09	8.56	8.95	9.45	9.86	10.44	11.05	12.02	12.84	14.56	20.26	31.16
20	6.84	9.53	10.11	10.62	11.20	11.68	12.27	12.96	14.05	14.91	16.84	23.67	35.49
25	7.17	9.99	10.59	11.14	11.76	12.25	12.84	13.55	14.67	15.55	17.55	24.74	36.82
40	7.85	10.92	11.60	12.23	12.90	13.45	14.01	14.78	14.98	16.86	19.00	26.94	39.55
50	8.17	11.36	12.07	12.74	13.44	14.01	14.56	15.36	16.57	17.47	19.67	27.97	40.81
100	9.14	12.70	13.51	14.31	15.09	15.72	16.24	17.11	18.40	19.32	21.72	31.11	44.63
200	10.10	14.02	14.93	15.85	16.72	17.41	17.88	18.83	20.19	21.11	23.70	34.18	48.33
1000	12.29	17.00	18.13	19.36	20.42	21.25	21.57	22.70	24.20	25.13	28.14	41.10	56.55
10000	15.35	21.16	22.59	24.27	25.58	26.62	26.69	28.06	29.73	30.62	34.21	50.68	67.71
PMP	29.39	41.77	44.72	46.80	49.32	51.27	54.26	56.86	61.94	65.43	72.71	102.19	144.90
MEAN	3.495	4.787	5.014	5.266	5.568	5.806	6.149	6.550	7.124	7.684	8.851	12.217	20.013
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.285	1.454	1.406	1.256	1.201	1.182	1.010	0.924	0.765	0.661	0.617	1.134	0.540
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	0.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	0.900
KURTOSIS	4.788	7.063	5.847	4.462	4.248	4.249	3.962	3.936	3.512	3.088	3.194	4.510	2.602
N	34	34	34	34	34	34	34	34	34	34	34	34	87
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1969	1969	1969	1969	1941
RECORD MAXIMUM	7.790	14.020	14.140	14.140	14.080	15.280	15.280	15.480	16.870	18.790	20.210	31.910	39.230
NORMALIZED MAX	2.219	3.257	3.183	2.871	2.816	2.750	2.599	2.600	2.586	2.600	2.641	3.019	2.475
CALC. COEF. VAR	.554	.592	.572	.590	.585	.593	.572	.536	.529	.516	.486	.534	.388
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1746	.2392	.2505	.2621	.2772	.2901	.3072	.3273	.3580	.3840	.4422	.6104	1.0000
RP10/A	.2899	.4042	.4226	.4472	.4721	.4925	.5218	.5519	.6048	.6418	.7274	1.0122	1.5570
RP25/A	.3582	.4989	.5294	.5566	.5874	.6123	.6414	.6771	.7332	.7769	.8768	1.2361	1.8397
RP50/A	.4680	.5677	.6032	.6366	.6717	.6998	.7276	.7674	.8280	.8729	.9810	1.3976	2.0392
RP100/A	.4568	.6348	.6753	.7149	.7542	.7855	.8114	.8551	.9196	.9654	1.0852	1.5344	2.2303
RP1000/A	.6141	.8497	.9068	.9674	1.0201	1.0617	1.0780	1.1342	1.2094	1.2556	1.4061	2.0336	2.6254
RP10000/A	.7670	1.0572	1.1288	1.2126	1.2784	1.3300	1.3337	1.4019	1.4853	1.5298	1.7094	2.5324	3.3833
PMP/A	1.4686	2.0871	2.2346	2.3393	2.4643	2.5617	2.7083	2.8410	3.0950	3.2694	3.6330	5.1063	7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 3336 21	STATION NAME GARDEN ORVDE CO YD	ELEV 90	SEC 32	TWP 01N	RNG 06W	LOT 5	LATITUDE 33.771	LONGITUDE 117.934	COUNTY CODE 30
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS M=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	2.06	2.55	2.79	2.84	10.83				
5	3.13	3.92	4.34	4.43	15.46				
10	3.85	4.83	5.37	5.51	18.60				
20	4.54	5.70	6.34	6.53	21.59				
25	4.76	5.97	6.64	6.85	22.53				
40	5.21	6.53	7.27	7.52	24.49				
50	5.42	6.79	7.57	7.84	25.41				
100	6.07	7.59	8.47	8.80	28.22				
200	6.71	8.38	9.36	9.75	30.99				
1000	8.16	10.16	11.37	11.91	37.29				
10000	10.19	12.65	14.16	14.93	46.10				
PMP	19.51	24.96	28.04	28.79	60.54				
MEAN	2.320	2.861	3.143	3.228	11.953				
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.000				
CALCULATED SKEW	1.356	1.165	.532	.404	1.533				
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400				
SKEW USED	1.400	1.300	1.300	1.400	1.400				
KURTOSIS	5.533	4.988	2.919	2.468	6.520				
N	32	32	31	31	32				
RECORD YEAR	1956	1956	1956	1956	1941				
RECORD MAXIMUM	4.730	6.080	6.880	6.880	31.100				
NORMALIZED MAX	2.537	2.822	2.417	2.317	3.473				
CALC. COEF. VAR	.409	.499	.492	.488	.461				
REGN. COEF. VAR	.494	.515	.528	.528	.526				
USED COEF. VAR	.494	.515	.528	.528	.526				
MEAN/A	.1941	.2394	.2629	.2700	1.0000				
RP10/A	.3223	.4044	.4489	.4606	1.5500				
RP25/A	.3981	.4993	.5557	.5734	1.0851				
RP50/A	.4535	.5681	.6332	.6550	2.1255				
RP100/A	.4878	.6352	.7088	.7364	2.3609				
RP1000/A	.6027	.8502	.9510	.9965	3.1195				
RP10000/A	.8525	1.0579	1.1840	1.2491	3.8565				
PMP/A	1.6324	2.0885	2.3455	2.4087	7.2400				

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 19 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 3458 11	STATION NAME BLEEN IVY	ELEV 1100	SEC 03	TWP 055	RNG LOT 06W	8MM 5	LATITUDE 33.766	LONGITUDE 117.487	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	3.14	4.03	4.50	4.75	4.96	5.17	5.48	5.76	6.48	6.95	7.77	10.25	14.89
5	4.77	6.19	6.99	7.40	7.72	8.02	8.43	8.79	9.87	10.44	11.51	15.42	20.95
10	5.87	7.64	8.65	9.20	9.59	9.95	10.36	10.78	12.06	12.65	13.87	18.80	24.71
20	6.92	9.00	10.21	10.91	11.37	11.79	12.17	12.65	14.08	14.69	16.05	21.97	28.14
25	7.25	9.43	10.70	11.45	11.94	12.37	12.73	13.23	14.71	15.32	16.72	22.96	29.20
40	7.94	10.31	11.72	12.57	13.10	13.58	13.90	14.43	16.02	16.61	18.10	25.01	31.36
50	8.26	10.73	12.20	13.09	13.65	14.14	14.44	14.99	16.61	17.21	18.75	25.96	32.37
100	9.25	12.00	13.65	14.70	15.32	15.87	16.11	16.71	18.45	19.03	20.69	28.07	35.40
200	10.22	13.24	15.08	16.29	16.97	17.58	17.73	18.38	20.24	20.80	22.59	31.72	38.33
1000	12.44	16.06	18.32	19.90	20.73	21.45	21.40	22.14	24.27	24.74	26.81	38.14	44.85
10000	15.53	19.98	22.82	24.94	25.97	26.87	26.48	27.39	29.80	30.16	32.60	47.04	53.70
PMP	29.74	39.44	45.18	48.09	50.07	51.76	53.76	55.51	62.10	64.46	69.28	94.85	114.92
MEAN	3.536	4.520	5.065	5.391	5.632	5.862	6.099	6.395	7.142	7.570	8.434	11.339	15.873
CLOCK HR. COR.	1.140	1.070	1.090	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.848	1.710	1.782	1.685	1.600	1.535	1.467	1.400	1.342	1.296	1.291	1.892	1.091
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	5.925	5.688	6.083	5.537	5.305	5.120	4.872	4.616	4.389	4.340	4.645	7.802	4.238
N	82	92	52	52	52	52	52	52	52	52	52	52	67
RECORD YEAR	1943	1969	1969	1969	1969	1969	1969	1969	1916	1916	1916	1969	1969
RECORD MAXIMUM	8.888	12.280	15.330	15.530	16.230	16.330	16.880	16.980	18.560	19.060	21.050	37.850	42.050
NORMALIZED MAX	2.415	2.844	3.212	3.060	3.115	3.010	3.037	2.928	2.775	2.894	2.976	4.105	3.437
CALC. COEF. VAR	.626	.604	.631	.615	.604	.593	.582	.565	.576	.558	.527	.570	.460
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2228	.2848	.3191	.3397	.3548	.3693	.3843	.4029	.4500	.4769	.5313	.7144	1.0000
RP10/A	.3699	.4813	.5394	.5794	.6043	.6270	.6526	.6794	.7595	.7971	.8739	1.1845	1.5570
RP25/A	.4569	.5940	.6744	.7213	.7519	.7795	.8022	.8335	.9268	.9649	1.0534	1.4466	1.8397
RP50/A	.5205	.6759	.7684	.8249	.8508	.8809	.9100	.9446	1.0466	1.0843	1.1810	1.6355	2.0392
RP100/A	.5828	.7557	.8602	.9264	.9654	1.0000	1.0148	1.0525	1.1624	1.1991	1.3038	1.8190	2.2303
RP1000/A	.7835	1.0116	1.1541	1.2534	1.3058	1.3516	1.3482	1.3981	1.5287	1.5595	1.6894	2.4032	2.8254
RP10000/A	.9784	1.2586	1.4379	1.5712	1.6364	1.6931	1.6680	1.7256	1.8776	1.9001	2.0537	2.9635	3.3633
PMP/A	1.8735	2.4848	2.8466	3.0299	3.1944	3.2611	3.3872	3.4970	3.9124	4.0608	4.3649	5.9755	7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 4173 11	STATION NAME MUNTINGTON BEACH	ELEV 35	SEC TWP 055	RNG LOT 06W	8MM 5	LATITUDE 33.661	LONGITUDE 117.999	COUNTY CODE 30
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS								
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5 D	6 D	8 D	10 D
2	1.81	2.26	2.48	2.59	10.13			
5	2.74	3.48	3.85	4.04	14.46			
10	3.38	4.29	4.76	5.02	17.40			
20	3.98	5.05	5.63	5.96	20.20			
25	4.18	5.29	5.90	6.25	21.08			
40	4.57	5.79	6.46	6.86	22.91			
50	4.76	6.02	6.72	7.15	23.77			
100	5.33	6.74	7.52	8.03	26.40			
200	5.88	7.43	8.31	8.89	28.99			
1000	7.16	9.02	10.09	10.86	34.89			
10000	8.94	11.22	12.57	13.61	43.13			
PMP	17.12	22.15	24.89	26.25	80.97			
MEAN	2.036	2.538	2.791	2.943	11.183			
CLOCK HR. COR.	1.130	1.070	1.090	1.020	1.010			
CALCULATED SKEW	.734	.493	.211	.249	.199			
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400			
SKEW USED	1.400	1.300	1.300	1.400	1.400			
KURTOSIS	3.419	2.617	2.202	2.867	6.336			
N	41	41	41	41	42			
RECORD YEAR	1937	1937	1947	1947	1941			
RECORD MAXIMUM	3.610	4.450	5.060	6.040	29.480			
NORMALIZED MAX	2.042	1.837	1.939	2.566	3.727			
CALC. COEF. VAR	.379	.410	.419	.410	.439			
REGN. COEF. VAR	.494	.515	.528	.528	.526			
USED COEF. VAR	.494	.515	.528	.528	.526			
MEAN/A	.1820	.2270	.2496	.2632	1.0000			
RP10/A	.3022	.3835	.4260	.4469	1.5560			
RP25/A	.3733	.4734	.5273	.5588	1.8851			
RP50/A	.4253	.5387	.6009	.6391	2.1255			
RP100/A	.4762	.6023	.6726	.7177	2.3809			
RP1000/A	.6402	.8062	.9025	.9712	3.1195			
RP10000/A	.7995	1.0031	1.1244	1.2173	3.8565			
PMP/A	1.5308	1.9803	2.2260	2.3475	7.2400			

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BSN	LATITUDE	LONGITUDE	COUNTY CODE
Y01 4173 21	HUNTINGTON BEACH CO	75	02	063	11W F	5	33-680	118-000	30

RETURN PERIOD IN YEARS		MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS				
		1D	2D	3D	4D	W YR
2	1.88	2.33	2.97	2.70	10.46	
5	2.85	3.58	3.99	4.21	14.93	
10	3.51	4.41	4.93	5.23	17.97	
20	4.14	5.20	5.83	6.21	20.85	
25	4.33	5.44	6.11	6.52	21.76	
40	4.74	5.96	6.69	7.15	23.65	
50	4.94	6.20	6.96	7.45	24.54	
100	5.53	6.93	7.79	8.37	27.26	
200	6.11	7.45	8.61	9.27	29.93	
1000	7.43	9.27	10.45	11.32	36.02	
10000	9.28	11.54	13.02	14.20	44.92	
PMP	17.77	22.78	25.78	27.37	83.59	
MEAN	2.113	2.610	2.891	3.069	11.545	
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.000	
CALCULATED SKEW	.898	.698	.136	0.131	1.111	
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	
SKEW USED	1.400	1.300	1.300	1.400	1.400	
KURTOSIS	3.529	2.973	1.983	1.821	4.761	
N	31	33	33	32	34	
RECORD YEAR	1937	1956	1956	1956	1941	
RECORD MAXIMUM	3.880	5.190	5.210	5.210	27.990	
NORMALIZED MAX	1.821	2.085	1.730	1.591	3.173	
CALC. COEF. VAR	.459	.474	.464	.438	.449	
REGN. COEF. VAR	.494	.515	.528	.528	.416	
USED COEF. VAR	.494	.515	.528	.528	.416	
MEAN/A	.1830	.2261	.2584	.2658	1.0000	
RP10/A	.3039	.3820	.4274	.4534	1.5560	
RP25/A	.3754	.4716	.5291	.5644	1.8851	
RP50/A	.4276	.5366	.6029	.6455	2.1255	
RP100/A	.4788	.6000	.6748	.7250	2.3609	
RP1000/A	.6437	.8032	.9055	.9809	3.1195	
RP10000/A	.8039	.9993	1.1281	1.2296	3.8565	
PMP/A	1.5392	1.9728	2.2333	2.3711	7.2400	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BSN	LATITUDE	LONGITUDE	COUNTY CODE
Y01 4300 1	IRVINE CO AUTOMATIC	197					33-677	117-759	30

RETURN PERIOD IN YEARS		MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS				
		1D	2D	3D	4D	W YR
2	2.22	2.54	2.75	2.87	11.24	
5	3.37	3.90	4.27	4.47	16.05	
10	4.15	4.81	5.28	5.55	19.30	
20	4.89	5.67	6.24	6.59	22.41	
25	5.12	5.94	6.54	6.91	23.39	
40	5.61	6.50	7.16	7.59	25.42	
50	5.84	6.76	7.45	7.90	26.37	
100	6.53	7.55	8.36	8.88	29.29	
200	7.22	8.34	9.21	9.83	32.16	
1000	8.78	10.11	11.19	12.01	39.70	
10000	10.97	12.58	13.94	15.05	47.84	
PMP	21.00	24.84	27.60	29.03	89.82	
MEAN	2.497	2.847	3.094	3.254	12.406	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000	
CALCULATED SKEW	.899	1.444	1.277	1.005	1.061	
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	
SKEW USED	1.400	1.300	1.300	1.400	1.400	
KURTOSIS	3.826	4.696	4.559	3.894	3.924	
N	30	30	31	30	33	
RECORD YEAR	1969	1943	1960	1969	1941	
RECORD MAXIMUM	4.740	6.750	7.680	7.650	27.210	
NORMALIZED MAX	1.998	2.380	2.603	2.579	2.658	
CALC. COEF. VAR	.449	.576	.549	.549	.449	
REGN. COEF. VAR	.494	.519	.528	.528	.416	
USED COEF. VAR	.494	.515	.528	.528	.416	
MEAN/A	.2013	.2295	.2494	.2623	1.0000	
RP10/A	.3342	.3877	.4257	.4475	1.5960	
RP25/A	.4129	.4786	.5270	.5570	1.8851	
RP50/A	.4704	.5446	.6005	.6371	2.1255	
RP100/A	.5265	.6090	.6722	.7154	2.3609	
RP1000/A	.7080	.8151	.9019	.9680	3.1195	
RP10000/A	.8841	1.0142	1.1237	1.2134	3.8565	
PMP/A	1.6929	2.0022	2.2245	2.3400	7.2400	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
Y01 4300 7	IRVINE-LIMESTONE	1000						33-771	117-720	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	W YR
2	2.71	3.33	3.53	3.87	15.03
5	4.11	5.12	5.47	6.03	21.45
10	5.07	6.31	6.77	7.49	25.60
20	5.97	7.44	8.00	8.89	29.95
25	6.26	7.79	8.38	9.33	31.26
40	6.85	8.52	9.18	10.24	33.97
50	7.13	8.86	9.55	10.67	35.25
100	7.98	9.91	10.69	11.98	39.15
200	8.82	10.94	11.81	13.27	42.99
1000	10.73	13.26	14.34	16.21	51.73
10000	13.40	16.50	17.87	20.31	63.95
PMP	25.66	32.56	35.38	39.18	120.06
MEAN	3.051	3.734	3.966	4.392	16.583
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.000
CALCULATED SKEW	1.296	1.485	1.369	1.125	1.066
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400
SKEW USED	1.400	1.300	1.300	1.400	1.400
KURTOSIS	4.087	4.777	4.510	3.614	3.731
N	46	49	47	49	49
RECORD YEAR	1943	1956	1969	1969	1941
RECORD MAXIMUM	7.040	10.160	11.150	11.300	34.950
NORMALIZED MAX	2.608	2.705	2.860	2.643	2.675
CALC. COEF. VAR	.577	.618	.633	.595	.414
REGN. COEF. VAR	.494	.515	.528	.528	.416
USED COEF. VAR	.494	.515	.528	.528	.416
MEAN/A	.1840	.2252	.2392	.2648	1.0000
RP10/A	.3054	.3805	.4083	.4517	1.5560
RP25/A	.3773	.4697	.5054	.5624	1.8851
RP50/A	.4298	.5344	.5759	.6432	2.1255
RP100/A	.4813	.5976	.6447	.7223	2.3609
RP1000/A	.6470	.7999	.8650	.9773	3.1195
RP10000/A	.8080	.9952	1.0777	1.2250	3.8565
PMP/A	1.5472	1.9648	2.1335	2.3624	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BM	LATITUDE	LONGITUDE	COUNTY CODE
Y01 4300 9	IRVINE CO SHADY CAMP	300						33-657	117-708	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	W YR
2	2.23	2.67	2.88	3.03	11.87
5	3.39	4.10	4.47	4.72	16.94
10	4.17	5.05	5.53	5.87	20.38
20	4.92	5.95	6.53	6.96	23.66
25	5.16	6.24	6.84	7.31	24.69
40	5.64	6.82	7.49	8.02	26.83
50	5.87	7.10	7.80	8.36	27.84
100	6.58	7.93	8.73	9.38	30.92
200	7.27	8.76	9.64	10.39	33.95
1000	8.84	10.62	11.71	12.70	40.86
10000	11.04	13.21	14.59	15.92	50.51
PMP	21.14	26.08	28.08	30.69	94.82
MEAN	2.514	2.990	3.238	3.441	13.097
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.000
CALCULATED SKEW	1.336	1.456	1.196	1.000	.933
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400
SKEW USED	1.400	1.300	1.300	1.400	1.400
KURTOSIS	6.098	6.472	4.904	4.705	3.883
N	71	76	76	74	75
RECORD YEAR	1905	1905	1905	1905	1941
RECORD MAXIMUM	5.970	7.420	8.220	9.020	28.560
NORMALIZED MAX	3.243	3.279	3.288	3.561	2.977
CALC. COEF. VAR	.424	.452	.468	.455	.397
REGN. COEF. VAR	.494	.515	.528	.528	.416
USED COEF. VAR	.494	.515	.528	.528	.416
MEAN/A	.1919	.2283	.2472	.2627	1.0000
RP10/A	.3187	.3857	.4220	.4481	1.5560
RP25/A	.3937	.4761	.5224	.5578	1.8851
RP50/A	.4485	.5417	.5952	.6380	2.1255
RP100/A	.5021	.6057	.6663	.7165	2.3609
RP1000/A	.6751	.8108	.8940	.9694	3.1195
RP10000/A	.8430	1.0080	1.1138	1.2152	3.8565
PMP/A	1.6142	1.9916	2.2049	2.3433	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 4300 20	STATION NAME IRVINE CO SALT WORKS	ELEV 55	SEC 55	TWP 33.654	RNG LOT 117.864	8MM 30	LATITUDE 33.654	LONGITUDE 117.864	COUNTY CODE 30
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RETURN PERIOD IN YEARS		MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS				
		10	20	30	40	N YR
2	1.70	2.17	2.30	2.45	9.54	
5	2.57	3.34	3.57	3.81	13.61	
10	3.17	4.12	4.41	4.74	16.38	
20	3.74	4.85	5.21	5.62	19.01	
25	3.92	5.08	5.46	5.90	19.84	
40	4.29	5.56	5.98	6.48	21.56	
50	4.46	5.78	6.22	6.75	22.37	
100	4.90	6.47	6.97	7.58	24.95	
200	5.52	7.14	7.69	8.39	27.28	
1000	6.71	8.66	9.35	10.25	32.83	
10000	8.39	10.77	11.64	12.85	40.59	
PMP	16.06	21.26	23.05	24.78	76.20	
MEAN	1.909	2.437	2.584	2.778	10.524	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000	
CALCULATED SKEW	.724	.599	1.103	1.218	1.070	
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	
SKEW USED	1.400	1.300	1.300	1.400	1.400	

KURTOSIS	3.680	2.904	3.942	4.482	4.068	
N	23	25	24	24	25	
RECORD YEAR	1969	1969	1969	1967	1952	
RECORD MAXIMUM	3.390	4.550	5.540	6.350	22.150	
NORMALIZED MAX	1.914	1.970	2.258	2.497	2.371	
CALC. COEF. VAR	.405	.440	.506	.615	.466	
REGN. COEF. VAR	.494	.515	.528	.528	.416	
USED COEF. VAR	.494	.515	.528	.528	.416	
MEAN/A	.1814	.2315	.2456	.2640	1.0000	
RP10/A	.3012	.3912	.4192	.4503	1.5560	
RP25/A	.3721	.4829	.5189	.5605	1.8851	
RP50/A	.4239	.5495	.5913	.6411	2.1255	
RP100/A	.4746	.6144	.6819	.7799	2.3609	
RP1000/A	.6380	.8224	.8881	.9741	3.1195	
RP10000/A	.7968	1.0232	1.1065	1.2211	3.8565	
PMP/A	1.5257	2.0200	2.1704	2.3547	7.2400	

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 4729 0	STATION NAME LAMBERT RES AUTOMATI	ELEV 470	SEC 34	TWP 055	RNG LOT 08W	8MM 5	LATITUDE 33.694	LONGITUDE 117.711	COUNTY CODE 30
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RETURN PERIOD IN YEARS		MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS				
		10	20	30	40	N YR
2	1.93	2.27	2.42	2.55	10.62	
5	2.92	3.49	3.75	3.97	15.16	
10	3.50	4.30	4.64	4.94	18.24	
20	4.24	5.07	5.48	5.86	21.17	
25	4.44	5.31	5.74	6.15	22.10	
40	4.87	5.81	6.29	6.75	24.01	
50	5.05	6.04	6.54	7.03	24.91	
100	5.67	6.76	7.32	7.90	27.67	
200	6.26	7.46	8.09	8.75	30.39	
1000	7.62	9.05	9.83	10.69	36.57	
10000	9.52	11.26	12.24	13.40	45.21	
PMP	18.22	22.22	24.24	25.84	84.87	
MEAN	2.167	2.547	2.717	2.896	11.722	
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000	
CALCULATED SKEW	1.999	2.551	2.044	1.714	1.396	
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	
SKEW USED	1.400	1.300	1.300	1.400	1.400	

KURTOSIS	7.630	10.435	7.156	5.657	4.4449	
N	23	23	23	23	23	
RECORD YEAR	1956	1956	1956	1956	1952	
RECORD MAXIMUM	4.980	7.610	7.810	7.810	23.250	
NORMALIZED MAX	2.529	3.235	2.892	2.740	2.304	
CALC. COEF. VAR	.513	.639	.648	.617	.427	
REGN. COEF. VAR	.494	.515	.528	.528	.416	
USED COEF. VAR	.494	.515	.528	.528	.416	
MEAN/A	.1849	.2173	.2310	.2471	1.0000	
RP10/A	.3069	.3671	.3957	.4215	1.5560	
RP25/A	.3792	.4532	.4898	.5247	1.8851	
RP50/A	.4320	.5157	.5582	.6001	2.1255	
RP100/A	.4836	.5766	.6240	.6739	2.3609	
RP1000/A	.6502	.7718	.8383	.9118	3.1195	
RP10000/A	.8120	.9603	1.0445	1.1429	3.8565	
PMP/A	1.5546	1.8959	2.0677	2.2041	7.2400	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE ESTIMATE PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
Y01 4892 11	LEMON HGTS SPRINGER	350					33.757	117.768	30
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	70	80	90
2	1.89	2.38	2.58	2.68	10.71				
5	2.87	3.66	4.00	4.14	15.29				
10	3.54	4.51	4.95	5.14	18.39				
20	4.17	5.32	5.85	6.10	21.35				
25	4.37	5.57	6.13	6.40	22.28				
40	4.79	6.09	6.71	7.03	24.23				
50	4.98	6.34	6.99	7.33	25.12				
100	5.58	7.08	7.82	8.23	27.90				
200	6.16	7.82	8.64	9.11	30.64				
1000	7.50	9.48	10.49	11.13	36.87				
10000	9.36	11.80	13.07	13.95	45.58				
PMP	17.92	23.29	25.88	26.90	85.57				
MEAN	2.131	2.670	2.902	3.018	11.819				
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000				
CALCULATED SKEW	1.371	1.328	1.277	1.240	1.198				
REGIONAL SKEW	1.400	1.300	1.300	1.300	1.300				
SKEW USED	1.400	1.300	1.300	1.400	1.400				
KURTOSIS	3.459	5.454	3.770	3.289	5.988				
N	24	24	24	24	25				
RECORD YEAR	1958	1956	1956	1956	1958				
RECORD MAXIMUM	3.280	5.120	5.180	5.180	25.350				
NORMALIZED MAX	1.471	2.653	2.214	2.053	2.735				
CALC. COEF. VAR	.366	.485	.510	.511	.418				
REGN. COEF. VAR	.494	.515	.528	.528	.416				
USCO COEF. VAR	.494	.515	.528	.528	.416				
MEAN/A	.1803	.2259	.2455	.2552	1.0000				
RP10/A	.2994	.3817	.4191	.4353	1.5568				
RP25/A	.3699	.4711	.5188	.5419	1.8851				
RP50/A	.4214	.5361	.5912	.6198	2.1255				
RP100/A	.4718	.5994	.6617	.6960	2.3609				
RP1000/A	.6342	.8023	.8879	.9418	3.1195				
RP10000/A	.7920	.9983	1.1062	1.1805	3.8585				
PMP/A	1.9186	1.9708	2.1899	2.2764	7.2400				

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 5215 1	STATION NAME LYTLE CREEK PH	ELEV 2225	SEC 06	TWP 01N	RNG LOT 05W	BWM 5	LATITUDE 34.202	LONGITUDE 117.450	COUNTY CODE 36				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.21	5.82	6.63	7.19	7.68	8.09	8.91	9.83	10.90	12.02	13.87	18.99	30.98
5	6.39	8.94	10.29	11.20	11.94	12.54	13.70	14.72	16.60	18.06	20.35	27.95	43.58
10	7.86	11.02	12.73	13.92	14.84	15.56	16.84	18.05	20.25	21.69	24.77	34.09	51.41
20	9.27	12.99	15.03	16.51	17.59	18.44	19.79	21.17	23.67	25.40	28.65	39.83	58.54
25	9.71	13.50	15.75	17.32	18.46	19.35	20.71	22.14	24.73	26.49	29.86	41.63	60.74
40	10.63	14.88	17.25	19.02	20.26	21.23	22.60	24.15	25.25	28.73	32.33	45.33	65.24
50	11.07	15.48	17.95	19.81	21.11	22.11	23.49	25.09	27.62	29.77	33.47	47.07	67.33
100	12.39	17.31	20.09	22.25	23.70	24.82	26.19	27.95	31.01	32.92	36.95	52.35	73.64
200	13.69	19.10	22.20	24.65	26.25	27.48	28.83	30.76	34.02	35.98	40.33	57.51	79.73
1000	16.65	23.17	26.96	30.11	32.06	33.55	34.80	37.08	40.79	42.82	47.88	69.16	93.29
10000	20.80	28.83	33.59	37.74	40.17	42.02	43.05	45.84	50.09	52.17	58.21	85.28	111.70
PMP	39.93	56.91	66.50	72.77	77.44	80.94	87.43	92.89	104.38	111.49	123.71	171.96	239.04
MEAN	4.735	6.522	7.455	8.158	8.711	9.166	9.918	10.702	12.005	13.093	15.050	20.557	33.017
CLOCK MR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	4.025	2.842	2.931	2.410	2.562	2.721	2.962	2.594	2.382	2.314	2.158	2.203	1.196
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	25.618	14.887	13.179	11.011	12.570	14.177	16.599	13.896	12.115	12.178	10.614	11.076	5.449
N	71	71	71	71	71	71	71	71	71	71	71	71	71
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	24.920	28.700	31.920	33.360	36.580	39.420	44.710	44.977	47.710	50.880	53.800	74.330	82.960
NORMALIZED MAX	6.327	5.422	5.251	4.926	5.155	5.362	5.677	5.364	5.115	5.157	4.840	5.007	4.010
CALC. COEF. VAR	.674	.627	.625	.627	.621	.618	.597	.597	.581	.560	.532	.522	.377
REGN. COEF. VAR	.494	.515	.528	.528	.525	.522	.521	.512	.513	.501	.481	.491	.416
USCO COEF. VAR	.494	.515	.528	.528	.525	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1434	.1975	.2258	.2471	.2638	.2776	.3004	.3241	.3636	.3966	.4551	.6226	1.0000
RP10/A	.2302	.3338	.3854	.4219	.4493	.4713	.5102	.5465	.6137	.6629	.7502	1.0324	1.5570
RP25/A	.2942	.4120	.4771	.5247	.5591	.5860	.6271	.6706	.7489	.8024	.9043	1.2608	1.8397
RP50/A	.3332	.4688	.5437	.6001	.6393	.6697	.7114	.7600	.8457	.9018	1.0138	1.4255	2.0392
RP100/A	.3753	.5242	.6086	.6739	.7178	.7517	.7933	.8468	.9393	.9971	1.1192	1.5854	2.2303
RP1000/A	.5045	.7017	.8186	.9118	.9709	1.0180	1.0540	1.1232	1.2353	1.2968	1.4302	2.0495	2.8254
RP10000/A	.6300	.8730	1.0174	1.1429	1.2158	1.2728	1.3040	1.3683	1.5172	1.5801	1.7630	2.5829	3.3933
PMP/A	1.2064	1.7236	2.0141	2.2040	2.3455	2.4515	2.6460	2.8134	3.1815	3.3767	3.7470	5.2029	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 5629 0	STATION NAME MILL CREEK 2		ELEV 2940	SEC 13	TWP 01S	RNG LOT 02W	BWM 34-063	LATITUDE 117-083	LONGITUDE 36	COUNTY CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.46	3.33	3.79	4.08	4.34	4.64	4.97	5.31	6.12	6.52	7.71	11.07	21.97
5	3.69	5.09	5.85	6.26	6.70	7.08	7.53	8.09	9.21	9.80	11.51	16.69	30.53
10	4.54	6.30	7.28	7.77	8.33	8.77	9.30	10.01	11.34	12.07	14.13	20.57	35.94
20	5.26	7.47	8.65	9.21	9.90	10.39	11.00	11.85	13.38	14.25	16.66	24.29	40.92
25	5.62	7.84	9.08	9.67	10.40	10.91	11.54	12.43	14.03	14.94	17.45	25.47	42.66
40	6.16	8.61	9.98	10.62	11.43	11.97	12.65	13.65	15.38	16.37	19.11	27.92	45.62
50	6.41	8.97	10.41	11.07	11.91	12.46	13.18	14.22	16.01	17.05	19.89	29.08	47.09
100	7.19	10.08	11.71	12.45	13.40	14.02	14.80	15.97	17.96	19.22	22.92	32.62	51.55
200	7.96	11.16	13.00	13.80	14.87	15.54	16.39	17.70	19.88	21.16	24.66	36.12	55.88
1000	9.71	13.68	15.94	16.91	18.23	19.02	20.03	21.05	24.26	25.84	30.06	44.11	65.95
10000	12.18	17.20	20.06	21.26	22.95	23.91	25.15	27.20	30.42	32.40	37.66	55.33	78.78
PMP	22.66	32.15	37.62	39.79	43.63	44.69	46.92	50.79	56.63	60.30	69.95	103.05	162.71

MEAN	2.773	3.783	4.319	4.641	4.948	5.267	5.629	6.029	6.919	7.367	8.689	12.521	23.497
CLOCK HR. COR.	1.148	1.070	1.000	1.023	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.148	1.070	1.000	1.023	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
SKEW USED	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.000
KURTOSIS	3.635	3.449	3.914	4.383	4.235	3.620	3.314	3.584	3.045	3.138	2.653	2.075	2.616
RECORD YEAR	39	39	39	39	39	39	39	39	39	39	39	39	45
RECORD MAXIMUM	4.930	7.990	9.940	11.240	11.860	11.920	11.920	12.040	13.830	15.420	16.240	20.830	38.580
NORMALIZED MAX	2.055	2.351	2.777	3.003	2.905	2.731	2.499	2.033	2.313	2.515	2.267	1.857	2.453
CALC. COEF. VAR	.378	.473	.469	.474	.459	.458	.447	.429	.432	.435	.383	.357	.262
REGION. COEF. VAR	.478	.500	.514	.505	.513	.499	.489	.479	.479	.479	.470	.462	.395
USED COEF. VAR	.478	.500	.514	.505	.513	.499	.489	.479	.479	.479	.470	.462	.395
MEAN/A	1.160	1.610	1.838	1.975	2.106	2.241	2.396	2.566	2.945	3.135	3.618	5.329	1.0000
RP10/A	1.193	2.083	3.098	3.305	3.547	3.733	3.957	4.259	4.825	5.138	6.096	8.753	1.5295
RP25/A	1.239	2.337	3.885	4.115	4.424	4.642	4.909	5.291	5.971	6.358	7.428	1.0841	1.6069
RP50/A	1.278	2.818	4.430	4.711	5.070	5.310	5.609	6.050	6.814	7.255	8.668	1.2375	2.0041
RP100/A	1.309	3.291	4.984	5.297	5.764	5.997	6.297	6.764	7.817	8.487	1.0883	2.1939	
RP1000/A	1.413	5.823	6.782	7.195	7.760	8.099	8.526	9.213	1.0326	1.0995	1.2795	1.8771	2.7898
RP10000/A	1.512	7.719	8.539	9.049	9.769	1.0175	1.0704	1.1575	1.2948	1.3788	1.6026	2.3547	3.3530
PMP/A	1.9643	1.3685	1.6009	1.6936	1.8312	1.9019	1.9967	2.1618	2.4101	2.5663	2.9770	4.3856	6.9250

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 5632 0	STATION NAME MILL CREEK INTAKE		ELEV 4945	SEC 13	TWP 01S	RNG LOT 01W C 5	BWM 34-089	LATITUDE 116-939	LONGITUDE 36	COUNTY CODE			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.15	4.07	4.35	4.67	4.97	5.22	5.67	6.19	6.92	7.58	8.83	12.21	23.04
5	4.78	6.25	6.75	7.28	7.72	8.10	8.72	9.46	10.54	11.39	13.07	18.36	32.41
10	5.89	7.71	8.35	9.05	9.60	10.05	10.72	11.66	12.87	13.80	15.76	22.39	36.23
20	6.94	9.08	9.87	10.74	11.38	11.91	12.59	13.50	15.04	16.02	18.23	26.17	43.53
25	7.28	9.52	10.34	11.27	11.94	12.50	13.17	14.23	15.71	16.71	19.00	27.34	45.17
40	7.97	10.41	11.32	12.37	13.11	13.71	14.38	15.52	17.04	18.12	20.57	29.78	48.52
50	8.29	10.83	11.78	12.89	13.65	14.28	14.95	16.12	17.74	18.77	21.30	30.92	50.07
100	9.28	12.11	13.19	14.47	15.35	16.03	16.67	17.97	19.70	20.76	23.51	34.39	54.76
200	10.26	13.36	14.57	16.03	16.98	17.75	18.35	19.77	21.61	22.69	25.66	37.77	59.29
1000	12.48	16.21	17.70	19.58	20.73	21.67	22.14	23.83	25.93	27.00	30.47	45.43	72.97
10000	15.98	20.16	22.05	24.54	25.99	27.15	27.30	29.46	31.82	32.90	37.04	50.02	93.07
PMP	29.83	39.81	43.45	47.33	50.09	52.29	55.63	59.49	66.31	70.31	78.72	112.96	177.76

MEAN	3.548	4.562	4.894	5.306	5.634	5.921	6.311	6.877	7.626	8.258	9.582	13.904	24.552
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.087	1.412	1.620	2.697	2.068	1.879	1.510	1.386	1.154	.935	.937	.834	.905
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	8.113	4.777	5.618	8.309	8.588	7.764	5.800	5.336	4.381	3.494	3.273	2.814	3.433
RECORD YEAR	1966	1967	1967	1967	1967	1967	1967	1967	1966	1966	1966	1958	1931
RECORD MAXIMUM	9.790	11.100	13.070	16.220	17.640	17.970	18.120	18.280	18.280	21.170	26.320	47.440	
NORMALIZED MAX	3.014	2.598	3.031	3.645	3.780	3.719	3.395	3.136	2.762	2.475	2.533	2.341	2.538
CALC. COEF. VAR	.583	.552	.555	.564	.559	.544	.544	.521	.505	.497	.487	.476	.367
REGION. COEF. VAR	.494	.515	.528	.545	.528	.522	.512	.512	.501	.491	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491	.491	.416
MEAN/A	1.445	1.858	1.993	2.161	2.295	2.412	2.570	2.801	3.106	3.363	3.903	5.500	1.0000
RP10/A	1.2399	3.140	3.403	3.686	3.968	4.095	4.365	4.724	5.243	5.622	6.441	9.120	1.5570
RP25/A	1.2964	3.876	4.212	4.589	4.863	5.096	5.366	5.795	6.398	6.805	7.738	1.1137	1.8397
RP50/A	1.3376	4.410	4.800	5.248	5.561	5.818	6.087	6.580	7.225	7.675	8.679	1.2592	2.0382
RP100/A	1.3760	4.931	5.373	5.894	6.244	6.530	6.788	7.318	8.024	8.456	9.577	1.4005	2.2303
RP1000/A	1.5002	6.600	7.209	7.975	8.445	8.826	9.018	9.707	1.0553	1.0998	1.2409	1.8503	2.8254
RP10000/A	1.6346	8.212	8.981	9.996	1.0584	1.1056	1.1137	1.1998	1.2961	1.3401	1.5086	2.2817	3.3633
PMP/A	1.2152	1.6213	1.7780	1.9277	2.0402	2.1296	2.2657	2.4314	2.7007	2.8639	3.2063	4.6007	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 701 5900 0			STATION NAME MT BALDY FC85		ELEV 4275	SEC 19	TWP 02N	RNG LOT 07W	BWN 5	LATITUDE 34.237	LONGITUDE 117.699	COUNTY CODE 70	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	5.56	7.48	8.21	8.67	9.00	9.38	10.23	10.90	11.77	12.67	14.38	18.69	30.81
5	8.44	11.56	12.74	13.50	13.99	14.55	15.73	16.66	17.92	19.04	21.29	28.11	43.34
10	10.39	14.18	15.70	16.78	17.38	18.06	19.34	20.43	21.88	23.07	25.67	34.28	51.12
20	12.25	16.71	18.62	19.91	20.61	21.40	22.72	23.98	25.56	26.78	29.70	40.07	58.22
25	12.84	17.50	19.51	20.89	21.63	22.45	23.77	25.05	26.51	27.92	30.94	41.87	60.41
40	14.05	19.15	21.36	22.93	23.74	24.63	25.95	27.34	27.27	30.28	33.50	45.60	64.88
50	14.81	19.92	22.23	23.89	24.73	25.66	26.97	28.41	30.16	31.37	34.69	47.34	66.96
100	16.37	22.27	24.89	26.83	27.77	28.80	30.07	31.65	33.50	34.70	38.30	52.85	73.23
200	18.09	24.58	27.49	29.72	30.76	31.89	33.10	34.82	36.75	37.92	41.80	57.84	79.29
1000	22.01	29.81	33.39	36.31	37.55	38.92	39.95	41.98	44.05	45.13	49.62	69.56	92.77
10000	27.49	37.05	41.80	45.51	47.07	48.76	49.43	51.89	54.10	54.96	60.33	85.77	111.09
PMP	52.63	73.22	82.36	87.76	90.74	93.92	100.37	105.16	112.74	117.51	128.21	172.95	237.72

MEAN	6.259	8.392	9.233	9.838	10.207	10.636	11.387	12.115	12.966	13.800	15.607	20.678	32.834
CLOCK HR. COR.	1.140	1.676	1.046	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.231	1.753	1.044	1.539	1.483	1.935	2.244	2.226	2.160	1.999	2.048	2.216	1.330
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.398	7.183	5.827	5.268	5.092	7.598	9.779	9.418	8.921	8.286	9.178	9.252	4.985
N	54	54	54	54	54	54	54	54	54	54	54	54	54
RECORD YEAR	1943	1943	1943	1943	1943	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	15.370	27.180	27.990	28.800	29.090	39.240	47.080	48.180	50.160	50.840	56.750	79.330	88.800
NORMALIZED MAX	2.625	3.561	3.040	2.956	2.883	3.910	4.467	4.380	4.204	4.116	4.358	4.321	3.596
CALC. COEF. VAR	.494	.629	.468	.452	.448	.711	.690	.682	.652	.605	.687	.474	.474
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1906	.2556	.2812	.2996	.3109	.3239	.3468	.3690	.3949	.4263	.4753	.6297	1.0000
RP10/A	.3165	.4318	.4800	.5111	.5294	.5499	.5890	.6222	.6665	.7025	.7818	1.0442	1.5570
RP25/A	.3910	.5331	.5942	.6362	.6687	.6837	.7240	.7634	.8133	.8504	.9423	1.2751	1.8397
RP50/A	.4454	.6065	.6771	.7277	.7632	.7814	.8213	.8651	.9185	.9555	1.0565	1.4417	2.0392
RP100/A	.4986	.6782	.7580	.8172	.8457	.8771	.9158	.9640	1.0201	1.0567	1.1664	1.6035	2.2303
RP1000/A	.6704	.9078	1.0170	1.1057	1.1439	1.1855	1.2167	1.2780	1.3410	1.3744	1.5113	2.1184	2.8254
RP10000/A	.8372	1.1295	1.2670	1.3880	1.4236	1.4860	1.5054	1.5684	1.6478	1.6746	1.8373	2.6123	3.3833
PMP/A	1.0030	2.2299	2.5983	2.8577	2.9635	2.8603	3.0570	3.2928	3.4335	3.5787	3.9048	5.2875	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 701 6175 0	STATION NAME NEWPORT BEACH HARBOR	ELEV 8	SEC	TWP	RNG LOT	BWN	LATITUDE 33.603	LONGITUDE 117.699	COUNTY CODE 30
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	1.87	2.28	2.47	2.57	2.67	2.77	3.01	3.16	3.31
5	2.83	3.50	3.83	4.00	4.10	4.20	4.51	4.66	4.81
10	3.49	4.32	4.74	4.97	5.08	5.19	5.50	5.65	5.80
20	4.11	5.09	5.60	5.90	6.00	6.10	6.41	6.56	6.71
25	4.31	5.33	5.87	6.19	6.29	6.39	6.70	6.85	6.99
40	4.72	5.84	6.43	6.79	6.89	6.99	7.30	7.45	7.59
50	4.91	6.07	6.69	7.08	7.18	7.28	7.59	7.74	7.89
100	5.50	6.79	7.49	7.95	8.05	8.15	8.46	8.61	8.76
200	6.08	7.49	8.27	8.80	8.90	9.00	9.31	9.46	9.61
1000	7.39	9.00	10.04	10.75	10.85	10.95	11.26	11.41	11.56
10000	9.23	11.30	12.51	13.48	13.58	13.68	14.00	14.15	14.30
PMP	17.67	22.31	24.77	26.00	26.10	26.20	26.51	26.66	26.81
MEAN	2.101	2.558	2.777	2.914	3.027	3.140	3.387	3.534	3.681
CLOCK MR. COR.	1.140	1.676	1.046	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	1.231	1.753	1.044	1.539	1.483	1.935	2.244	2.226	2.160
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100
KURTOSIS	2.701	4.035	3.725	3.908	4.033	4.158	4.405	4.530	4.655
N	51	51	51	51	51	51	51	51	51
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	5.428	6.790	7.490	8.070	8.170	8.270	8.580	8.730	8.880
NORMALIZED MAX	1.944	2.658	2.761	3.033	3.068	3.093	3.240	3.275	3.310
CALC. COEF. VAR	.421	.421	.446	.448	.437	.426	.451	.453	.455
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513
MEAN/A	.1941	.2362	.2565	.2692	1.0000				
RP10/A	.3222	.3991	.4378	.4591	1.5560				
RP25/A	.3981	.4927	.5420	.5716	1.8851				
RP50/A	.4535	.5606	.6176	.6537	2.1255				
RP100/A	.5077	.6266	.6913	.7341	2.3609				
RP1000/A	.6826	.8390	.9276	.9933	3.1195				
RP10000/A	.8924	1.0439	1.1850	1.2481	3.8565				
PMP/A	1.6322	2.0609	2.2878	2.4010	7.2400				

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 6435 71	STATION NAME OLIVE HEIGHTS	ELEV 230	SEC 230	TWP 33-837	RND LOT 117-845	BWM 30	LATITUDE 33-837	LONGITUDE 117-845	COUNTY CODE 30
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	70	80	90
2	2.45	3.24	3.39	3.40	12.85				
5	3.72	4.97	5.26	5.30	18.34				
10	4.58	6.13	6.51	6.59	22.07				
20	5.41	7.23	7.69	7.82	25.62				
25	5.66	7.57	8.06	8.21	26.74				
40	6.20	8.28	8.83	9.01	29.06				
50	6.61	8.81	9.40	9.59	30.15				
100	7.22	9.63	10.28	10.54	33.49				
200	7.98	10.63	11.36	11.68	36.77				
1000	9.71	12.89	13.80	14.26	44.25				
10000	12.13	16.04	17.19	17.88	54.70				
PMP	23.22	31.67	34.04	34.47	102.69				
MEAN	2.761	3.630	3.816	3.865	14.164				
CLOCK MR. COR.	1.140	1.670	1.840	1.870	1.000				
CALCULATED SKEW	.954	1.212	.935	.862	1.290				
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400				
SKEW USED	1.400	1.300	1.300	1.400	1.400				
KURTOSIS	3.475	4.161	3.237	3.202	4.321				
N	28	28	28	28	28				
RECORD YEAR	1943	1943	1943	1943	1941				
RECORD MAXIMUM	5,620	8,800	8,930	8,930	32,980				
NORMALIZED MAX	2.013	2.369	2.243	2.304	2.701				
CALC. COEF. VAR	.454	.508	.598	.598	.491				
REGION. COEF. VAR	.494	.515	.528	.528	.416				
USED COEF. VAR	.494	.515	.528	.528	.416				
MEAN/A	.1947	.2559	.2690	.2725	1.0000				
RP10/A	.3232	.4324	.4592	.4648	1.5560				
RP25/A	.3493	.5337	.5685	.5786	1.8851				
RP50/A	.4549	.6073	.6478	.6617	2.1255				
RP100/A	.5093	.6791	.7251	.7431	2.3609				
RP1000/A	.6847	.9690	.9729	1.0055	3.1195				
RP10000/A	.8550	1.1309	1.2121	1.2603	3.8565				
PMP/A	1.6372	2.2327	2.3996	2.4304	7.2400				

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 6472 1	STATION NAME ORANGE	ELEV 215	SEC 32	TWP 645	RNG LOT 69W 8	BWM 5	LATITUDE 33.788	LONGITUDE 117.841	COUNTY CODE 30				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.13	2.67	2.91	3.01	3.22	3.36	3.60	3.92	4.44	4.84	5.63	7.28	12.44
5	3.23	4.10	4.51	4.69	5.00	5.22	5.54	5.99	6.76	7.28	8.34	10.94	17.49
10	3.96	5.06	5.59	5.83	6.21	6.47	6.81	7.34	8.25	8.82	10.05	13.35	20.64
20	4.69	5.96	6.59	6.91	7.37	7.67	8.06	8.61	9.64	10.24	11.63	15.60	23.50
25	4.91	6.24	6.91	7.26	7.73	8.05	8.37	9.01	10.07	10.68	12.11	16.30	24.36
40	5.38	6.83	7.56	7.96	8.49	8.83	9.14	9.83	10.28	11.58	13.11	17.75	26.19
50	5.60	7.10	7.87	8.30	8.84	9.20	9.50	10.21	11.37	12.00	13.58	18.43	27.03
100	6.27	7.94	8.81	9.32	9.93	10.32	10.59	11.38	12.63	13.27	14.99	20.49	29.56
200	6.93	8.77	9.73	10.32	10.99	11.43	11.66	12.52	13.86	14.50	16.35	22.52	32.01
1000	8.43	10.63	11.82	12.61	13.43	13.95	14.07	15.09	16.61	17.25	19.43	27.00	37.45
10000	10.52	13.23	14.73	15.80	16.83	17.46	17.41	18.65	20.40	21.02	23.62	33.39	44.84
PMP	20.15	26.12	29.15	30.48	32.44	33.66	35.35	37.80	42.52	44.93	50.19	67.33	95.96
MEAN	2.396	2.993	3.268	3.417	3.640	3.812	4.010	4.354	4.890	5.277	6.110	8.049	13.254
CLOCK MR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.784	1.308	1.026	1.071	.968	.962	.912	.852	.607	.621	.637	.984	1.161
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.400	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	3.246	5.084	3.581	3.971	3.786	3.756	3.477	3.219	2.571	2.767	2.797	3.807	4.769
N	80	80	80	79	80	80	80	80	80	80	80	80	80
RECORD YEAR	1956	1956	1956	1938	1938	1939	1939	1937	1938	1952	1938	1941	1941
RECORD MAXIMUM	4.468	7.370	7.560	8.040	8.470	8.630	9.230	9.540	10.140	11.580	12.730	19.620	31.930
NORMALIZED MAX	2.073	3.172	2.572	2.790	2.751	2.750	2.805	2.561	2.362	2.637	2.418	3.025	3.461
CALC. COEF. VAR	.422	.485	.303	.405	.480	.479	.464	.461	.454	.453	.448	.475	.468
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1808	.2258	.2466	.2578	.2753	.2876	.3026	.3205	.3689	.3981	.4610	.6073	1.0000
RP10/A	.3061	.3816	.4209	.4387	.4688	.4863	.5139	.5506	.6227	.6685	.7582	1.0069	1.5570
RP25/A	.3707	.4710	.5211	.5474	.5934	.6071	.6317	.6797	.7599	.8055	.9139	1.2297	1.6387
RP50/A	.4223	.5360	.5938	.6261	.6670	.6939	.7166	.7763	.8582	.9051	1.0246	1.3903	2.0392
RP100/A	.4749	.5993	.6646	.7031	.7490	.7708	.7990	.8583	.9531	1.0010	1.1312	1.5463	2.2303
RP1000/A	.6357	.8022	.8916	.9513	1.0130	1.0526	1.0816	1.1385	1.2535	1.3019	1.4657	2.0429	2.8284
RP10000/A	.7939	.9961	1.1111	1.1924	1.2695	1.3166	1.3134	1.4072	1.5395	1.5862	1.7816	2.5192	3.5833
PMP/A	1.5202	1.9704	2.1995	2.2995	2.4472	2.5396	2.6672	2.8517	3.2079	3.3699	3.7869	5.0797	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE
Y01 6776 21	PEOLEY SOF		710	26	025	06W	5	33.975	117.485		33
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	
2	1.70	2.19	2.32	2.51	2.73	2.76	2.99	3.19	3.58	3.76	
5	2.57	3.36	3.60	3.92	4.25	4.29	4.59	4.87	5.45	5.66	
10	3.17	4.15	4.46	4.87	5.28	5.32	5.64	5.97	6.65	6.86	
20	3.74	4.89	5.27	5.77	6.25	6.30	6.63	7.00	7.77	7.96	
25	3.91	5.12	5.52	6.02	6.47	6.52	6.84	7.22	8.11	8.30	
40	4.29	5.60	6.04	6.65	7.21	7.25	7.57	7.99	8.28	9.00	1
50	4.46	5.83	6.29	6.93	7.51	7.56	7.87	8.32	9.16	9.33	1
100	4.99	6.52	7.04	7.78	8.44	8.48	8.78	9.25	10.18	10.31	1
200	5.52	7.19	7.78	8.62	9.35	9.39	9.66	10.18	11.22	11.27	1
1000	6.71	8.72	9.44	10.53	11.41	11.46	11.66	12.27	13.38	13.41	1
10000	8.38	10.85	11.77	13.20	14.30	14.36	14.43	15.16	16.44	16.34	1
PMP	16.05	21.42	23.29	25.46	27.57	27.66	29.30	30.73	34.25	34.92	3
MEAN	1.908	2.455	2.611	2.854	3.101	3.133	3.324	3.541	3.993	4.101	4
CLOCK MR. COR.	1.140	1.670	1.850	1.980	2.110	2.100	2.200	2.300	2.500	2.500	4
CALCULATED SKEW	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	4
REGIONAL SKEW	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	4
SKEW USED	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	4

KURTOSIS	3.334	5.126	4.592	3.000	3.340	3.346	3.674	3.797	3.655	3.817	4.174	9.502	5.352
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1969	1958	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	3.100	5.170	5.350	5.400	5.980	6.110	6.760	7.007	8.020	8.330	9.500	17.810	22.590
NORMALIZED MAX	1.432	2.389	2.189	1.889	2.111	2.119	2.346	2.349	2.325	2.371	2.459	3.380	2.783
CALC. COEF. VAR	.436	.463	.479	.472	.440	.449	.440	.423	.446	.435	.402	.512	.426
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1847	.2377	.2526	.2763	.3002	.3032	.3217	.3427	.3813	.3970	.4622	.6318	1.0000
RP10/A	.3067	.4016	.4315	.4713	.5113	.5148	.5444	.5781	.6436	.6637	.7802	1.0477	1.5570
RP25/A	.3789	.4957	.5342	.5867	.6362	.6400	.6717	.7091	.7854	.8034	.9163	1.2795	1.8397
RP50/A	.4317	.5641	.6087	.6710	.7275	.7315	.7620	.8036	.8869	.9027	1.0273	1.4466	2.0392
RP100/A	.4833	.6307	.6814	.7535	.8168	.8211	.8477	.8954	.9851	.9983	1.1342	1.6089	2.2303
RP1000/A	.6497	.8442	.9143	1.0195	1.1048	1.1098	1.1288	1.1877	1.2955	1.2984	1.4495	2.1255	2.8284
RP10000/A	.8114	1.0504	1.1391	1.2779	1.3845	1.3902	1.3966	1.4680	1.5912	1.5820	1.7865	2.6212	3.3833
PMP/A	1.5537	2.0737	2.2550	2.4644	2.6689	2.6776	2.8361	2.9750	3.3155	3.3809	3.7970	5.2854	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME		ELEV	SEC	TWP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE
Y01 6818 11	PERRIS S D F		1452	30	04S	05W	5	33.788	117.229		33
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0=DAYS H=HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	
2	1.65	2.12	2.35	2.53	2.66	2.76	2.94	3.14	3.43	3.64	
5	2.51	3.26	3.64	3.93	4.14	4.28	4.51	4.79	5.22	5.46	
10	3.09	4.02	4.51	4.89	5.14	5.32	5.55	5.87	6.38	6.62	
20	3.64	4.74	5.32	5.80	6.10	6.30	6.52	6.89	7.45	7.69	
25	3.82	4.96	5.58	6.09	6.40	6.61	6.82	7.21	7.88	8.01	
40	4.18	5.43	6.11	6.68	7.02	7.25	7.45	7.86	7.94	8.69	
50	4.35	5.65	6.36	6.96	7.32	7.55	7.74	8.17	8.79	9.01	
100	4.87	6.32	7.12	7.82	8.21	8.48	8.63	9.10	9.76	9.96	
200	5.38	6.97	7.86	8.66	9.10	9.39	9.50	10.01	10.71	10.88	
1000	6.54	8.45	9.55	10.58	11.11	11.46	11.46	12.07	12.83	12.95	
10000	8.17	10.52	11.90	13.26	13.92	14.35	14.18	14.92	15.78	15.78	
PMP	15.65	20.76	23.55	25.57	26.84	27.65	28.80	30.24	32.85	33.73	
MEAN	1.861	2.380	2.640	2.856	3.019	3.131	3.267	3.484	3.778	3.961	4.4
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.780	1.938	2.386	1.915	1.997	1.836	1.831	1.961	1.576	1.603	1.6
REGIONAL SKEW	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKEW USED	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

KURTOSIS	7.050	8.962	11.085	7.994	6.239	7.452	7.614	8.073	6.596	6.829	5.685	10.841	7.610
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.300	6.150	6.800	8.090	8.690	8.690	9.430	9.744	9.920	10.300	12.010	20.160	26.540
NORMALIZED MAX	2.797	3.262	3.645	3.401	3.435	3.338	3.451	3.500	3.282	3.296	3.122	3.857	3.471
CALC. COEF. VAR	.483	.483	.457	.481	.492	.492	.492	.492	.492	.492	.492	.492	.492
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1866	.2387	.2648	.2875	.3028	.3140	.3277	.3494	.3789	.3973	.4843	.6365	1.0000
RP10/A	.3099	.4033	.4520	.4940	.5157	.5331	.5566	.5892	.6395	.6641	.7965	1.0554	1.5570
RP25/A	.3828	.4978	.5529	.6104	.6417	.6626	.6841	.7229	.7804	.8039	.9601	1.2889	1.8397
RP50/A	.4361	.5645	.6376	.6883	.7308	.7575	.7761	.8192	.8813	.9033	1.0764	1.4572	2.0392
RP100/A	.4862	.6334	.7137	.7840	.8239	.8503	.8654	.9128	.9789	.9989	1.1884	1.6207	2.2303
RP1000/A	.6564	.8476	.9576	1.0608	1.1143	1.1492	1.1498	1.2108	1.2673	1.2992	1.5398	2.1412	2.8254
RP10000/A	.8197	1.0549	1.1791	1.3297	1.3965	1.4396	1.4228	1.4966	1.5861	1.5830	1.8711	2.6465	3.3833
PMP/A	1.5695	2.0825	2.3619	2.5642	2.6920	2.7729	2.8888	3.0328	3.2945	3.3829	3.9784	5.3241	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT PENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 701 7658 1	STATION NAME POMONA	ELEV 855	SEC 015	TWP 08W	RNG LOT 5	BWN 34.066	LATITUDE 117.773	LONGITUDE 70	COUNTY CODE				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.77	3.62	3.92	4.14	4.33	4.52	4.90	5.24	5.76	6.21	7.14	9.53	15.25
5	4.21	5.56	6.08	6.45	6.74	7.01	7.54	8.01	8.77	9.33	10.57	14.32	21.45
10	5.18	6.85	7.53	8.02	8.37	8.69	9.26	9.82	10.71	11.30	12.74	17.47	25.31
20	6.11	8.08	8.89	9.51	9.93	10.30	10.88	11.52	12.51	13.12	14.74	20.41	28.82
25	6.40	8.46	9.32	9.98	10.42	10.81	11.39	12.03	13.07	13.68	15.36	21.33	29.90
40	7.01	9.25	10.20	10.96	11.42	11.86	12.43	13.16	14.04	14.63	16.43	23.23	31.15
50	7.49	9.63	10.62	11.42	11.92	12.35	12.92	13.65	14.76	15.37	17.22	24.12	35.15
100	8.07	10.76	11.89	12.82	13.38	13.87	14.48	15.21	16.39	17.00	19.01	26.63	36.25
200	9.03	11.88	13.13	14.20	14.82	15.35	15.85	16.74	17.98	18.58	20.75	29.47	39.25
1000	10.98	14.41	15.95	17.35	18.10	18.74	19.13	20.18	21.56	22.11	24.63	35.44	48.93
10000	13.71	17.92	19.87	21.74	22.68	23.48	23.67	24.94	26.94	27.58	29.64	43.70	54.99
PMP	26.26	35.39	39.33	41.93	43.72	45.22	48.07	50.54	55.17	57.58	63.64	88.12	117.68
MEAN	3.122	4.056	4.410	4.701	4.917	5.121	5.454	5.822	6.345	6.762	7.747	10.535	16.254
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.541	.828	.904	.871	.788	.704	.553	.481	.767	.683	.590	1.081	.810
REGIONAL SKEW	1.402	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	2.912	3.607	3.682	3.409	3.254	2.929	2.882	2.681	3.594	3.130	3.095	4.236	3.081
N	47	47	47	47	47	47	47	47	47	47	47	47	47
RECORD YEAR	1956	1943	1927	1938	1938	1938	1969	1969	1938	1938	1938	1938	1938
RECORD MAXIMUM	5.788	9.770	9.790	10.660	11.460	11.480	12.100	12.180	15.660	15.660	16.500	24.860	32.540
NORMALIZED MAX	1.942	2.457	2.493	2.493	2.429	2.429	2.418	2.420	2.920	2.935	2.931	2.816	2.427
CALC. COEF. VAR	.425	.473	.489	.503	.504	.511	.504	.482	.503	.499	.450	.483	.413
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1921	.2495	.2713	.2892	.3025	.3151	.3355	.3582	.3904	.4160	.4766	.6481	1.0000
RP10/A	.3189	.4216	.4631	.4933	.5152	.5349	.5698	.6040	.6589	.6954	.7839	1.0747	1.5570
RP25/A	.3939	.5204	.5703	.6041	.6301	.6490	.7040	.7411	.8040	.8417	.9449	1.3124	1.8307
RP50/A	.4488	.5922	.6532	.7023	.7331	.7600	.7946	.8399	.9060	.9584	1.0594	1.4839	2.0392
RP100/A	.5025	.6621	.7312	.7887	.8231	.8530	.8861	.9358	1.0085	1.0460	1.1695	1.6504	2.2303
RP1000/A	.6755	.8883	.9811	1.0672	1.1133	1.1530	1.1772	1.2413	1.3263	1.3604	1.5154	2.1804	2.8254
RP10000/A	.8438	1.1028	1.2224	1.3777	1.3952	1.4288	1.4565	1.5343	1.6287	1.6576	1.8422	2.6887	3.3833
PMP/A	1.6153	2.1771	2.4199	2.5706	2.6895	2.7810	2.9576	3.1092	3.3942	3.5423	3.9154	5.4215	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 701 7123 0	STATION NAME PRADO DAM	ELEV 560	SEC 20	TWP 03S	RNG LOT 07W P 5	BWN 33.890	LATITUDE 117-636	LONGITUDE 33	COUNTY CODE					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS														
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650	
2	2.41	3.09	3.37	3.49	3.47	3.63	3.91	4.20	4.52	4.80	5.51	7.56	12.30	
5	3.66	4.73	5.23	5.42	5.40	5.63	6.01	6.41	6.89	7.22	8.17	11.37	17.30	
10	4.51	5.83	6.47	6.73	6.71	6.98	7.39	7.86	8.41	8.75	9.88	13.81	20.41	
20	5.32	6.87	7.64	7.98	7.95	8.27	8.68	9.22	9.82	10.15	11.39	16.21	23.25	
25	5.57	7.20	8.01	8.38	8.39	8.68	9.08	9.65	10.28	10.59	11.87	16.93	24.12	
40	6.10	7.87	8.77	9.20	9.16	9.52	9.91	10.52	10.48	11.48	12.85	18.44	25.91	
50	6.34	8.19	9.12	9.58	9.54	9.92	10.30	10.93	11.49	11.90	13.31	19.15	26.73	
100	7.10	9.15	10.21	10.76	10.72	11.13	11.49	12.18	12.67	13.16	14.69	21.29	29.24	
200	7.85	10.10	11.28	11.92	11.87	12.33	12.64	13.40	14.12	14.38	16.03	23.39	31.68	
1000	9.55	12.25	13.70	14.56	14.49	15.05	15.26	16.16	16.93	17.11	19.03	28.13	37.04	
10000	11.93	15.25	17.07	18.25	18.16	18.85	18.88	19.97	20.79	20.85	23.14	34.69	44.36	
PMP	22.84	36.10	33.80	35.20	35.02	36.31	38.34	40.47	43.32	44.56	49.17	69.96	94.92	
MEAN	2.715	3.450	3.789	3.946	3.939	4.112	4.349	4.663	4.982	5.233	5.986	8.363	13.110	
CLOCK HR. COR.	1.140	1.670	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
CALCULATED SKEW	1.225	1.359	1.188	.957	1.188	1.162	.958	.718	.085	.814	.813	1.701	.950	
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900	
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900	
KURTOSIS	4.672	4.845	3.999	3.547	4.287	4.290	3.621	3.121	2.961	3.092	3.622	6.521	3.366	
N	35	34	33	32	35	32	34	34	35	34	35	35	35	
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	
RECORD MAXIMUM	6.020	8.590	9.080	9.080	9.830	10.320	10.340	10.430	10.820	11.340	13.090	22.710	26.720	
NORMALIZED MAX	2.467	2.727	2.502	2.488	2.877	2.888	2.714	2.502	2.474	2.341	2.699	3.428	2.480	
CALC. COEF. VAR	.469	.546	.558	.532	.520	.523	.512	.494	.474	.503	.440	.501	.419	
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416	
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416	
MEAN/A	.2071	.2631	.2896	.3810	.3004	.3136	.3317	.3557	.3808	.3991	.4566	.6379	1.0000	
RP10/A	.3439	.4446	.4934	.5134	.5117	.5325	.5634	.5998	.6414	.6672	.7510	1.0577	1.5570	
RP25/A	.4240	.5486	.6108	.6391	.6367	.6620	.6925	.7358	.7827	.8076	.9052	1.2917	1.8397	
RP50/A	.4840	.6245	.6960	.7310	.7280	.7566	.7886	.8339	.8838	.9075	1.0149	1.4604	2.0392	
RP100/A	.5449	.6983	.7791	.8299	.8174	.8492	.8922	.9417	.9922	.9817	1.0036	1.1204	1.2623	2.2392
RP1000/A	.7285	.9347	1.0453	1.1107	1.1056	1.1476	1.1639	1.2325	1.2910	1.3052	1.4517	2.1459	2.8254	
RP10000/A	.9097	1.1629	1.3024	1.3923	1.3855	1.4379	1.4400	1.5234	1.5856	1.5904	1.7648	2.6463	3.3833	
PMP/A	1.7419	2.2959	2.5782	2.6849	2.6708	2.7695	2.9242	3.0872	3.3040	3.3967	3.7509	5.3559	7.2400	

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 7264 1	STATION NAME RECNE CANYON	ELEV 1750	SEC 18	TWP 025	RNG LOT 03W	BWM 5	LATITUDE 33.995	LONGITUDE 117.231	COUNTY 33
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.94	2.59	2.80	2.98	3.16	3.32	3.60	3.87	4.35	4.64
5	2.94	3.98	4.35	4.64	4.91	5.15	5.54	5.92	6.62	6.98
10	3.92	4.91	5.38	5.76	6.10	6.39	6.81	7.26	8.08	8.45
20	4.27	5.79	6.36	6.84	7.24	7.57	8.00	8.51	9.44	9.81
25	4.47	6.06	6.67	7.18	7.59	7.94	8.37	8.91	9.86	10.23
40	4.90	6.63	7.30	7.88	8.33	8.72	9.14	9.72	10.07	11.10
50	5.09	6.90	7.60	8.21	8.68	9.08	9.50	10.09	11.14	11.50
100	5.70	7.71	8.50	9.22	9.79	10.19	10.59	11.25	12.37	12.72
200	6.30	8.51	9.39	10.21	10.80	11.28	11.66	12.37	13.57	13.90
1000	7.67	10.32	11.41	12.47	13.19	13.77	14.07	14.92	16.27	16.54
10000	9.58	12.84	14.21	15.47	16.53	17.25	17.41	18.44	19.99	20.15
PMP	18.34	25.35	28.14	30.14	31.86	33.23	35.36	37.37	41.64	43.06
MEAN	2.180	2.906	3.154	3.379	3.583	3.763	4.011	4.305	4.789	5.057
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.070	1.040	1.037	1.031	1.033	1.039	1.032	1.021	1.045	1.000
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000
KURTOSIS	3.717	3.303	3.968	4.373	5.165	4.623	3.922	4.492	3.930	3.945
RECORD YEAR	55	55	55	55	55	55	55	54	55	55
RECORD MAXIMUM	1928	1987	1927	1987	1987	1987	1987	1922	1922	1989
NORMALIZED MAX	4.20	6.100	6.790	8.240	9.450	9.450	10.830	11.050	12.450	13.500
CALC. COEF. VAR	1.214	2.355	2.400	2.882	3.333	3.145	2.835	3.209	2.895	3.185
REGION. COEF. VAR	.440	.467	.480	.499	.491	.480	.478	.472	.452	.459
USED COEF. VAR	.494	.518	.528	.528	.526	.522	.521	.512	.513	.501
MEAN/A	.1584	.2111	.2291	.2455	.2603	.2733	.2914	.3127	.3479	.3674
RP10/A	.2630	.3566	.3911	.4187	.4433	.4641	.4949	.5273	.5872	.6141
RP25/A	.3268	.4402	.4842	.5212	.5516	.5769	.6083	.6469	.7166	.7433
RP50/A	.3701	.5009	.5517	.5961	.6367	.6694	.7031	.7332	.8092	.8352
RP100/A	.4143	.5601	.6176	.6695	.7082	.7401	.7695	.8049	.8968	.9237
RP1000/A	.5570	.7497	.8286	.9059	.9579	1.0004	1.0223	1.0836	1.1820	1.2013
RP10000/A	.6956	.9328	1.0324	1.1355	1.2004	1.2531	1.2848	1.3393	1.4517	1.4638
PMP/A	1.3319	1.8415	2.0438	2.1899	2.3140	2.4137	2.5685	2.7142	3.0250	3.1262

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y01 7306 0	STATION NAME RED LANDS	ELEV 1318	SEC 28	TWP 015	RNG LOT 03W	BWM J	LATITUDE 34.052	LONGITUDE 117.191	COUNTY 36
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.73	2.34	2.53	2.71	2.89	3.08	3.35	3.60	4.16	4.61
5	2.62	3.50	3.93	4.21	4.50	4.78	5.16	5.49	6.34	6.93
10	3.23	4.43	4.86	5.25	5.59	5.93	6.34	6.74	8.40	9.54
20	3.81	5.23	5.74	6.23	6.63	7.02	7.45	7.90	9.64	9.78
25	3.99	5.47	6.01	6.54	6.96	7.37	7.79	8.26	9.45	10.16
40	4.37	5.99	6.58	7.19	7.64	8.09	8.51	9.01	9.65	11.02
50	4.54	6.23	6.85	7.48	7.96	8.42	8.84	9.37	10.67	11.89
100	5.09	6.96	7.67	8.40	8.93	9.45	9.86	10.44	11.85	12.63
200	5.62	7.69	8.47	9.30	9.90	10.47	10.85	11.48	13.00	13.80
1000	6.84	9.32	10.29	11.36	12.08	12.78	13.10	13.84	15.58	16.42
10000	8.54	11.80	12.82	14.26	15.14	16.01	16.20	17.11	19.14	20.01
PMP	16.35	22.90	25.38	27.46	29.19	30.83	32.90	34.67	39.88	42.77
MEAN	1.945	2.625	2.845	3.079	3.284	3.491	3.733	3.994	4.587	5.023
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000
CALCULATED SKEW	.694	1.084	1.243	1.138	1.081	.977	.906	.994	.761	.735
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000
KURTOSIS	2.941	3.633	4.325	3.975	3.980	3.841	3.688	3.988	3.091	3.120
RECORD YEAR	82	82	82	82	82	82	81	81	81	81
RECORD MAXIMUM	1916	1943	1927	1927	1967	1943	1922	1922	1922	1922
NORMALIZED MAX	3.440	5.700	6.170	7.190	7.360	8.010	8.380	9.880	10.170	11.450
CALC. COEF. VAR	2.032	2.702	3.107	2.872	2.729	2.645	2.761	3.323	2.729	2.903
REGION. COEF. VAR	.494	.452	.452	.461	.459	.451	.443	.446	.441	.421
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501
MEAN/A	.1400	.1890	.2049	.2217	.2364	.2514	.2688	.2876	.3303	.3617
RP10/A	.2325	.3193	.3497	.3782	.4027	.4268	.4505	.4850	.5575	.6045
RP25/A	.2872	.3942	.4330	.4611	.4851	.5066	.5311	.5611	.6603	.7318
RP50/A	.3272	.4495	.4934	.5384	.5729	.6065	.6385	.6744	.7682	.8223
RP100/A	.3663	.5015	.5523	.6046	.6433	.6807	.7098	.7514	.8532	.9093
RP1000/A	.4924	.6713	.7410	.8181	.8701	.9200	.9431	.9967	1.1221	1.1827
RP10000/A	.6150	.8352	.9232	1.0255	1.0904	1.1525	1.1668	1.2319	1.3781	1.4410
PMP/A	1.1776	1.6489	1.8276	1.9775	2.1020	2.2199	2.3694	2.4945	2.8717	3.0796

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 7469 1	STATION NAME RV50 CO FLOOD CONT	ELEV 820	SEC 14	TWP 025	RNG LOT 05W	BWM 5	LATITUDE 34.003	LONGITUDE 117.378	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.52	1.97	2.14	2.29	2.49	2.55	2.79	2.97	3.28	3.46	4.14	5.62	9.37
5	2.31	3.03	3.32	3.57	3.87	3.96	4.29	4.53	5.00	5.21	6.13	8.44	13.18
10	2.85	3.73	4.10	4.44	4.81	4.92	5.27	5.56	6.10	6.31	7.39	10.30	15.54
20	3.36	4.40	4.85	5.27	5.70	5.83	6.19	6.52	7.13	7.32	8.55	12.03	17.70
25	3.52	4.61	5.08	5.53	5.98	6.11	6.48	6.82	7.45	7.64	8.90	12.58	18.36
40	3.85	5.04	5.56	6.07	6.57	6.71	7.07	7.44	7.80	8.28	9.64	13.70	19.72
50	4.01	5.24	5.79	6.32	6.84	6.99	7.35	7.73	8.41	8.88	9.98	14.22	20.36
100	4.49	5.86	6.48	7.10	7.68	7.84	8.19	8.62	9.34	9.49	11.02	15.81	22.26
200	4.96	6.47	7.16	7.87	8.51	8.68	9.02	9.48	10.25	10.37	12.03	17.37	24.10
1000	6.93	7.84	8.69	9.61	10.39	10.60	10.89	11.43	12.28	12.34	14.25	20.89	28.20
10000	7.54	9.76	10.83	12.04	13.05	13.27	13.47	14.12	15.09	15.04	17.36	25.76	33.77
PMP	14.43	19.27	21.44	23.22	25.09	25.57	27.35	28.62	31.43	32.14	36.90	51.95	72.27
MEAN	1.716	2.208	2.404	2.603	2.823	2.896	3.103	3.298	3.615	3.775	4.492	6.210	9.982
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.258	.726	1.074	.877	1.018	1.011	.856	.764	.576	.847	1.262	2.413	1.171
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	2.502	3.687	4.647	3.571	3.733	3.810	3.722	3.284	3.058	4.234	6.055	11.701	5.641
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1968	1956	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	2.870	4.270	5.720	5.760	6.230	6.290	6.990	7.020	7.240	8.660	10.620	19.070	23.080
NORMALIZED MAX	1.069	2.069	2.706	2.322	2.354	2.380	2.568	2.408	2.189	2.770	3.123	3.894	3.108
CALC. COEF. VAR	.418	.451	.510	.528	.513	.493	.468	.469	.458	.457	.437	.532	.422
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1719	.2212	.2408	.2608	.2828	.2901	.3108	.3304	.3622	.3781	.4500	.6222	1.0000
RP10/A	.2854	.3738	.4111	.4449	.4816	.4925	.5279	.5571	.6113	.6321	.7401	1.0317	1.5570
RP25/A	.3525	.4614	.5089	.5538	.5942	.6123	.6489	.6835	.7460	.7651	.8921	1.2599	1.8397
RP50/A	.4016	.5250	.5799	.6334	.6852	.6986	.7361	.7746	.8424	.8587	1.0002	1.4245	2.0392
RP100/A	.4456	.5871	.6492	.7113	.7693	.7854	.8209	.8631	.9357	.9508	1.1042	1.5843	2.2303
RP1000/A	.6045	.7858	.8710	.9624	1.0406	1.0816	1.0966	1.1448	1.2305	1.2366	1.4307	2.0930	2.8254
RP10000/A	.7549	.9777	1.0852	1.2084	1.3041	1.3299	1.3493	1.4150	1.5113	1.5067	1.7392	2.5811	3.3833
PMP/A	1.4455	1.9302	2.1483	2.3264	2.5130	2.5614	2.7400	2.8676	3.1491	3.2199	3.6965	5.2044	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 7470 3	STATION NAME RIVERSIDE FIRE STATION 3	ELEV 840	SEC 34	TWP 025	RNG LOT 05W	BWM 5	LATITUDE 33.950	LONGITUDE 117.383	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.54	1.97	2.13	2.24	2.39	2.53	2.74	2.94	3.37	3.68	4.35	5.78	9.92
5	2.33	3.03	3.31	3.49	3.71	3.92	4.21	4.49	5.14	5.53	6.44	8.69	13.95
10	2.87	3.74	4.09	4.34	4.61	4.87	5.18	5.51	6.27	6.70	7.76	10.60	16.46
20	3.39	4.41	4.83	5.15	5.47	5.77	6.08	6.46	7.33	7.78	8.98	12.39	18.75
25	3.55	4.61	5.06	5.40	5.74	6.05	6.36	6.76	7.65	8.12	9.38	12.95	19.45
40	3.88	5.05	5.54	5.93	6.25	6.64	6.95	7.37	7.81	8.08	10.13	14.10	20.89
50	4.04	5.25	5.77	6.18	6.56	6.91	7.22	7.66	8.64	9.12	10.49	14.64	21.56
100	4.52	5.87	6.46	6.94	7.36	7.76	8.05	8.53	9.60	10.09	11.58	16.28	23.58
200	5.00	6.48	7.13	7.69	8.16	8.59	8.86	9.39	10.53	11.02	12.64	17.89	25.53
1000	6.08	7.86	8.66	9.39	9.96	10.49	10.70	11.31	12.63	13.12	15.01	21.51	29.07
10000	7.60	9.78	10.79	11.77	12.48	13.14	13.23	13.94	15.51	15.68	18.25	26.52	35.77
PMP	14.55	19.30	21.37	22.69	24.06	25.31	26.87	28.34	32.31	34.16	38.78	53.48	76.54
MEAN	1.730	2.212	2.396	2.544	2.706	2.866	3.048	3.265	3.716	4.011	4.721	6.394	10.572
CLOCK HR. COR.	1.144	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.476	1.599	1.494	1.613	1.695	1.604	1.350	1.318	1.143	.891	.778	.942	.760
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	5.949	6.442	6.009	6.787	7.828	7.455	5.999	5.657	4.729	3.594	3.174	3.645	3.411
N	77	77	77	76	76	76	77	77	76	77	77	77	77
RECORD YEAR	1938	1938	1938	1938	1938	1938	1938	1938	1938	1938	1916	1969	1941
RECORD MAXIMUM	4.420	6.570	7.740	8.210	9.140	9.260	9.260	9.516	10.270	10.340	10.480	15.380	22.720
NORMALIZED MAX	3.380	3.848	3.927	4.227	4.742	4.992	4.204	3.981	3.617	3.149	2.675	1.200	1.695
CALC. COEF. VAR	.467	.512	.515	.527	.522	.497	.485	.480	.488	.501	.456	.458	.393
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1636	.2092	.2266	.2406	.2560	.2711	.2883	.3088	.3515	.3794	.4465	.6048	1.0500
RP10/A	.2716	.3555	.3868	.4105	.4357	.4602	.4887	.5208	.5933	.6342	.7344	1.0028	1.5070
RP25/A	.3386	.4364	.4788	.5117	.5454	.5722	.6019	.6369	.7177	.7677	.8853	1.2246	1.8397
RP50/A	.3823	.4966	.5457	.5844	.6203	.6539	.6829	.7241	.8176	.8626	.9926	1.3846	2.0392
RP100/A	.4280	.5553	.6108	.6563	.6964	.7340	.7614	.8069	.9081	.9539	1.0958	1.5400	2.2303
RP1000/A	.5754	.7433	.8195	.8880	.9420	.9921	1.0116	1.0702	1.1942	1.2407	1.4196	2.0345	2.8254
RP10000/A	.7186	.9248	1.0211	1.1131	1.1805	1.2428	1.2516	1.3228	1.4667	1.5117	1.7260	2.5089	3.3833
PMP/A	1.3759	1.8257	2.0213	2.1465	2.2756	2.3937	2.5416	2.6808	3.0563	3.2306	3.6904	5.0588	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 7473 0	STATION NAME RIVERSIDE	ELEV 1018	SEC 30	TWP 02S	RNG LOT 04W K	BWM 5	LATITUDE 33.967	LONGITUDE 117.335	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	1.55	1.99	2.16	2.31	2.43	2.53	2.74	2.92	3.18	3.46	4.05	5.47	9.72
5	2.35	3.07	3.35	3.60	3.78	3.92	4.21	4.45	4.84	5.21	6.00	8.23	15.67
10	2.90	3.78	4.14	4.47	4.70	4.87	5.17	5.46	5.91	6.31	7.23	10.03	18.13
20	3.41	4.45	4.89	5.31	5.57	5.77	6.08	6.41	6.90	7.32	8.37	11.72	18.37
25	3.58	4.67	5.13	5.57	5.84	6.05	6.36	6.70	7.21	7.64	8.72	12.25	19.06
40	3.92	5.10	5.61	6.06	6.42	6.64	6.94	7.37	7.96	8.28	9.44	13.34	20.47
50	4.08	5.31	5.84	6.37	6.68	6.91	7.22	7.59	8.14	8.58	9.77	13.85	21.12
100	4.56	5.94	6.54	7.15	7.50	7.76	8.05	8.46	9.04	9.49	10.79	15.41	23.10
200	5.04	6.55	7.22	7.92	8.31	8.59	8.86	9.31	9.92	10.37	11.78	16.92	25.01
1000	6.13	7.95	8.77	9.68	10.15	10.49	10.69	11.22	11.89	12.34	13.98	20.35	29.27
10000	7.66	9.89	10.93	12.13	12.72	13.14	13.23	13.87	14.60	15.04	17.00	25.10	35.65
PMP	14.67	19.52	21.64	23.40	24.52	25.31	26.86	28.11	30.43	32.13	36.12	50.61	75.00
MEAN	1.744	2.237	2.426	2.623	2.758	2.866	3.047	3.239	3.500	3.773	4.397	6.050	10.359
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.003	.096	.146	.154	.158	.160	.153	.154	.148	.130	.112	.1292	.031
REGIONAL SKEW	1.000	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000	1.000	1.200	.900
KURTOSIS	3.256	2.703	2.687	2.285	2.487	2.442	2.458	2.355	2.570	2.139	2.254	5.871	3.953
N	50	50	49	50	50	50	50	50	50	50	50	50	50
RECORD YEAR	1944	1943	1969	1938	1969	1943	1926	1926	1969	1969	1952	1969	1941
RECORD MAXIMUM	3.400	4.270	4.770	4.800	5.250	5.430	6.250	6.430	7.150	7.150	8.270	15.400	23.010
NORMALIZED MAX	2.277	2.695	2.906	3.090	3.200	3.275	3.392	3.520	3.908	4.208	4.287	6.430	2.805
CALC. COEF. VAR	.439	.444	.465	.455	.439	.435	.447	.432	.435	.446	.385	.453	.423
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1684	.2160	.2342	.2532	.2662	.2767	.2941	.3127	.3379	.3643	.4245	.5841	1.0000
RP10/A	.2796	.3649	.3998	.4319	.4534	.4697	.4996	.5273	.5703	.6089	.6982	.9685	1.5570
RP25/A	.3454	.4505	.4942	.5277	.5492	.5654	.5953	.6230	.6659	.7071	.7971	1.1927	1.9397
RP50/A	.3934	.5125	.5640	.6150	.6451	.6674	.6966	.7331	.7859	.8282	.9435	1.3372	2.0392
RP100/A	.4405	.5731	.6313	.6906	.7244	.7491	.7768	.8169	.8729	.9159	1.0417	1.4872	2.2303
RP1000/A	.5922	.7671	.8470	.9344	.9798	1.0125	1.0320	1.0835	1.1486	1.1912	1.3497	1.9648	2.8254
RP10000/A	.7396	.9544	1.0553	1.1713	1.2279	1.2684	1.2768	1.3393	1.4099	1.4515	1.6468	2.4230	3.3833
PMP/A	1.4161	1.8842	2.0892	2.2587	2.3669	2.4430	2.5928	2.7141	2.9379	3.1019	3.4872	4.8856	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 7711 0	STATION NAME SAN ANTONIO CANYON	ELEV 2394	SEC 13	TWP 01N	RNG LOT 08W	BWM 5	LATITUDE 34.173	LONGITUDE 117.675	COUNTY CODE 70				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.10	5.51	6.01	6.41	6.81	7.22	7.77	8.28	9.44	10.27	11.85	15.73	25.29
5	6.22	8.46	9.33	9.99	10.59	11.20	11.95	12.65	14.37	15.44	17.55	23.65	35.58
10	7.66	10.43	11.54	12.41	13.16	13.90	14.68	15.52	17.55	18.71	21.10	28.04	41.97
20	9.04	12.29	13.63	14.73	15.60	16.47	17.25	18.20	20.49	21.72	24.48	33.70	47.79
25	9.47	12.88	14.29	15.45	16.37	17.20	18.05	19.03	21.41	22.65	25.90	35.22	49.59
40	10.36	14.09	15.64	16.96	17.97	18.96	19.70	20.76	21.86	24.56	27.61	38.36	53.26
50	10.79	14.65	16.28	17.67	18.72	19.75	20.48	21.57	24.18	25.45	28.59	39.82	54.97
100	12.08	16.38	18.22	19.85	21.02	22.16	22.83	24.04	26.85	28.14	31.57	44.29	60.12
200	13.35	18.08	20.13	21.99	23.28	24.54	25.14	26.45	29.46	30.75	34.45	48.66	65.09
1000	16.23	21.93	24.45	26.85	28.43	29.96	30.34	31.88	35.32	36.60	40.90	58.51	76.16
10000	20.27	27.29	30.46	33.66	35.63	37.52	37.93	39.41	43.38	44.59	49.72	72.16	91.19
PMP	38.82	53.87	60.36	64.91	68.68	72.28	76.22	79.86	90.38	95.30	105.68	145.50	195.15
MEAN	4.616	6.174	6.761	7.277	7.725	8.185	8.646	9.201	10.395	11.192	12.864	17.393	26.955
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.094	1.430	1.125	1.254	1.280	1.260	1.057	1.011	1.058	.875	.862	.904	.521
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000	1.000	1.200	.900
KURTOSIS	3.945	6.534	4.352	4.352	4.724	4.719	4.470	4.146	4.181	3.577	3.731	3.338	2.385
N	66	66	66	66	66	66	66	66	66	66	66	66	66
RECORD YEAR	1943	1943	1943	1943	1967	1967	1969	1969	1916	1916	1916	1969	1916
RECORD MAXIMUM	10.050	18.850	18.950	19.500	21.140	21.140	23.200	23.470	28.380	28.780	33.480	42.340	49.450
NORMALIZED MAX	2.415	3.798	3.311	2.990	3.129	2.936	3.200	3.059	3.243	3.094	3.261	2.806	2.117
CALC. COEF. VAR	.487	.541	.545	.562	.555	.539	.526	.507	.534	.508	.491	.511	.394
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1713	.2291	.2508	.2700	.2866	.3037	.3208	.3413	.3856	.4152	.4773	.6453	1.0000
RP10/A	.2843	.3870	.4281	.4605	.4881	.5155	.5448	.5750	.6509	.6940	.7850	1.0700	1.5570
RP25/A	.3513	.4777	.5300	.5733	.6073	.6409	.6696	.7062	.7943	.8401	.9462	1.3667	1.8397
RP50/A	.4001	.5436	.6039	.6557	.6945	.7325	.7597	.8003	.8970	.9440	1.0608	1.4774	2.0392
RP100/A	.4486	.6078	.6761	.7363	.7796	.8222	.8471	.8717	.9763	1.0440	1.1733	1.6111	2.2303
RP1000/A	.6023	.8136	.9071	.9963	1.0547	1.1133	1.1254	1.1828	1.3102	1.3570	1.5174	2.1708	2.8254
RP10000/A	.7522	1.0123	1.1301	1.2488	1.3217	1.3921	1.3924	1.4626	1.6092	1.6544	1.8447	2.6770	3.3833
PMP/A	1.4403	1.9985	2.2373	2.4083	2.5478	2.6814	2.8275	2.9628	3.3532	3.5355	3.9270	5.3978	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB Y01 1723 0	STATION NAME SAN BERNARDINO	ELEV 1125	SEC 34	TWP 01N	RNG LOT 04W	BWM 5	LATITUDE 34.163	LONGITUDE 117.267	COUNTY 36	CODE 36		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	365D
2	1.93	2.67	3.05	3.30	3.52	3.72	4.06	4.41	5.08	5.64	6.51	8.83
5	2.93	4.11	4.74	5.13	5.47	5.77	6.25	6.74	7.73	8.47	9.64	13.27
10	3.61	5.06	5.86	6.38	6.79	7.17	7.68	8.27	9.44	10.26	11.62	15.19
20	4.25	5.97	6.93	7.57	8.06	8.49	9.02	9.70	11.02	11.91	13.44	18.92
25	4.45	6.25	7.26	7.94	8.45	8.91	9.44	10.15	11.52	12.42	14.01	19.77
40	4.88	6.84	7.95	8.72	9.28	9.78	10.31	11.07	12.57	13.47	15.17	21.53
50	5.07	7.11	8.27	9.08	9.66	10.18	10.71	11.50	13.01	13.96	15.70	22.35
100	5.68	7.95	9.26	10.20	10.85	11.43	11.94	12.81	14.44	15.44	17.34	24.06
200	6.28	8.78	10.23	11.30	12.02	12.68	13.15	14.10	15.85	16.87	19.32	27.31
1000	7.64	10.65	12.42	13.80	14.68	15.45	16.07	17.00	19.00	20.08	22.46	32.84
10000	9.54	13.24	15.48	17.30	18.39	19.35	19.63	21.01	23.33	24.45	27.31	40.50
PMP	18.26	26.15	30.64	33.37	35.46	37.27	39.86	42.58	48.62	52.26	58.04	81.66
MEAN	2.172	2.997	3.435	3.740	3.969	4.221	4.522	4.905	5.591	6.140	7.055	9.762
CLOCK MR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.239	1.058	1.080	1.180	1.127	1.106	1.070	1.076	1.027	1.028	1.075	1.180
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.400	1.400	1.200	1.200	1.000	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200
KURTOSIS	4.393	3.376	3.483	3.951	3.954	3.971	4.191	4.149	4.003	3.725	4.204	4.946
N	82	83	82	82	81	82	83	83	82	83	83	83
RECORD YEAR	1916	1943	1916	1967	1938	1938	1969	1969	1969	1916	1916	1941
RECORD MAXIMUM	5.250	7.025	7.870	8.070	8.820	9.900	11.710	12.46	13.460	13.760	14.330	26.800
NORMALIZED MAX	3.424	2.765	2.495	2.833	3.003	2.866	3.411	3.123	2.872	2.702	3.004	3.770
CALC. COEF. VAR	.446	.486	.494	.493	.477	.466	.466	.474	.456	.441	.481	.379
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
MEAN/A	.1351	.1664	.2137	.2327	.2481	.2626	.2813	.3051	.3478	.3820	.4395	.6072
RP10/A	.2243	.3150	.3848	.4369	.4777	.5148	.5484	.5814	.6729	.7239	.8299	1.0089
RP25/A	.2771	.3886	.4516	.4941	.5258	.5542	.5872	.6213	.7164	.7728	.8713	1.0897
RP50/A	.3156	.4424	.5145	.5651	.6012	.6334	.6662	.7154	.8090	.8684	.9769	1.3903
RP100/A	.3534	.4947	.5760	.6346	.6750	.7109	.7429	.7971	.8986	.9603	1.0785	1.5463
RP1000/A	.4751	.6522	.7728	.8586	.9130	.9509	.9869	1.0571	1.2494	1.3974	2.0428	2.9254
RP10000/A	.5933	.8239	.9928	1.0763	1.1442	1.2037	1.2211	1.3059	1.4514	1.5219	1.8988	2.5191
PMP/A	1.1361	1.6265	1.9061	2.0755	2.2057	2.3185	2.4796	2.6485	3.0243	3.2523	3.6105	5.0795

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB Y01 7888 0	STATION NAME SANTA ANA FIRE STATION	ELEV 115	SEC TWP	RNG LOT	BWM	LATITUDE 33.744	LONGITUDE 117.867	COUNTY CODE 30				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	365D
2	2.18	2.77	3.10	3.23	3.35	3.51	3.85	4.12	4.64	5.10	6.04	8.09
5	3.31	4.26	4.81	5.03	5.21	5.46	5.97	6.30	7.07	7.66	8.94	12.17
10	4.08	5.25	5.96	6.25	6.47	6.75	7.27	7.72	8.83	9.28	10.78	14.84
20	4.80	6.18	7.04	7.41	7.67	8.00	8.54	9.08	10.09	10.78	12.47	17.34
25	5.03	6.48	7.37	7.78	8.05	8.39	8.94	9.47	10.54	11.24	12.99	18.12
40	5.51	7.09	8.07	8.54	8.84	9.21	9.76	10.33	11.76	12.19	14.07	19.74
50	5.73	7.37	8.40	8.90	9.21	9.59	10.14	10.74	11.90	12.63	14.56	20.49
100	6.42	8.24	9.41	9.99	10.34	10.77	11.31	11.96	13.21	13.96	16.08	22.79
200	7.10	9.10	10.39	11.07	11.45	11.92	12.45	13.16	14.50	15.26	17.55	25.34
1000	8.63	11.03	12.62	13.52	13.98	14.55	15.02	15.87	17.38	18.16	20.83	30.33
10000	10.78	13.73	15.72	16.94	17.32	18.23	18.59	19.61	21.34	22.13	25.33	37.13
PMP	20.64	27.10	31.13	32.98	33.77	35.11	37.74	39.75	44.48	47.29	53.93	74.86
MEAN	2.454	3.106	3.489	3.663	3.799	3.976	4.282	4.379	5.115	5.554	6.353	8.950
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.693	.809	.700	.681	.662	.621	.625	.491	.439	.485	.494	.998
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200
KURTOSIS	2.856	3.227	2.646	2.540	2.596	2.975	2.479	2.296	2.146	2.434	4.142	3.992
N	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1956	1956	1956	1956	1938	1952	1939	1937	1938	1952	1941	1941
RECORD MAXIMUM	4.220	6.320	7.370	7.370	7.630	8.320	8.630	9.380	11.070	15.960	21.260	34.470
NORMALIZED MAX	1.693	2.193	2.150	1.965	2.001	2.177	2.059	1.892	1.796	2.145	3.083	2.262
CALC. COEF. VAR	.425	.472	.517	.515	.504	.502	.493	.470	.484	.463	.486	.448
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
MEAN/A	.1752	.2217	.2491	.2615	.2712	.2838	.3056	.3269	.3652	.3965	.4678	.6369
RP10/A	.2909	.3746	.4252	.4461	.4619	.4819	.5191	.5312	.6164	.6627	.7693	1.0594
RP25/A	.3594	.4624	.5264	.5553	.5747	.5991	.6381	.6763	.7521	.8022	.9274	1.2930
RP50/A	.4094	.5262	.5988	.6351	.6572	.6847	.7239	.7684	.8494	.9014	1.0397	1.4628
RP100/A	.4584	.5893	.6714	.7132	.7379	.7685	.8072	.8454	.9463	.9943	1.1478	1.6269
RP1000/A	.6162	.7875	.9009	.9650	.9960	1.0367	1.0724	1.1327	1.2406	1.2965	1.4872	2.1943
RP10000/A	.7696	.9798	1.1224	1.2096	1.2508	1.3012	1.3268	1.4001	1.5237	1.5797	1.8080	2.6505
PMP/A	1.4735	1.9344	2.2220	2.3327	2.4110	2.5082	2.6942	2.8373	3.1751	3.3760	3.8426	5.3443

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE
85N ORDER SUB Y01 7888 1	SANTA ANA	125						33.750	117.870	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	1D	2D	3D	4D	H YR
2	2.25	2.76	2.89	3.10	11.60
5	3.42	4.24	4.48	4.83	16.56
10	4.21	5.23	5.54	6.00	19.92
20	4.96	6.16	6.55	7.12	23.13
25	5.20	6.45	6.86	7.47	24.13
40	5.69	7.06	7.51	8.20	26.23
50	5.95	7.34	7.82	8.54	27.21
100	6.43	8.21	8.75	9.59	30.42
200	7.33	9.06	9.67	10.62	33.19
1000	8.92	10.99	11.74	12.98	39.94
10000	11.13	13.67	14.83	16.27	49.37
PMP	21.32	26.99	28.96	31.37	92.69
MEAN	2.535	3.094	3.246	3.517	12.802
CLOCK HR. COR.					
CALCULATED SKEW	1.262	1.257	1.040	1.352	1.389
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400
SKEW USED	1.400	1.300	1.300	1.400	1.400
KURTOSIS	5.070	5.482	3.718	2.934	5.474
N	35	37	35	37	33
RECORD YEAR	1956	1956	1956	1956	1941
RECORD MAXIMUM	5.440	7.740	7.740	7.750	32.140
NORMALIZED MAX	2.524	3.053	2.683	2.464	3.262
CALC. COEF. VAR	.454	.492	.516	.488	.463
REDN. COEF. VAR	.494	.515	.528	.528	.416
USED COEF. VAR	.494	.515	.528	.528	.416
MEAN/A	.1980	.2417	.2536	.2747	1.0000
RP10/A	.3288	.4083	.4328	.4686	1.5560
RP25/A	.4061	.5040	.5358	.5833	1.8851
RP50/A	.4627	.5735	.6106	.6671	2.1255
RP100/A	.5190	.6413	.6835	.7492	2.3609
RP1000/A	.6964	.8584	.9170	1.0137	3.1195
RP10000/A	.8697	1.0680	1.1425	1.2706	3.8565
PMP/A	1.6653	2.1094	2.2618	2.4503	7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE
85N ORDER SUB Y01 7891 0	SANTA ANA PH3	1980	04	015	02W	5		34.108	117.115	36

MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS

RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.19	2.99	3.41	3.64	3.87	4.14	4.56	4.93	5.81	6.39	7.35	10.14	18.64
5	3.32	4.50	5.30	5.68	6.02	6.41	7.04	7.53	8.84	9.61	10.89	15.25	26.21
10	4.09	5.66	6.56	7.06	7.48	7.96	8.65	9.24	10.79	11.64	13.13	18.60	30.92
20	4.82	6.67	7.75	8.37	8.88	9.43	10.17	10.84	12.61	13.52	15.19	21.74	35.21
25	5.05	6.98	8.12	8.78	9.31	9.90	10.64	11.33	13.17	14.10	15.82	22.71	36.53
40	5.53	7.64	8.89	9.64	10.22	10.86	11.61	12.38	13.45	14.29	15.73	24.74	39.24
50	5.75	7.95	9.25	10.05	10.65	11.31	12.07	12.85	14.88	15.84	17.74	25.68	40.50
100	6.44	8.89	10.35	11.28	11.96	12.70	13.46	14.31	16.52	17.52	19.59	28.56	44.29
200	7.12	9.81	11.44	12.50	13.24	14.06	14.81	15.75	18.12	19.14	21.38	31.38	47.96
1000	8.66	11.89	13.89	15.27	16.17	17.16	17.68	18.98	21.73	22.78	25.38	37.73	56.11
10000	10.61	14.80	17.31	19.13	20.27	21.50	22.12	23.47	26.69	27.76	30.85	46.53	67.19
PMP	20.70	29.21	34.27	36.90	39.07	41.40	44.92	47.55	55.61	59.32	65.57	93.83	143.78
MEAN	2.461	3.348	3.842	4.137	4.394	4.689	5.096	5.479	6.395	6.967	7.981	11.217	19.859
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.116	1.308	1.133	1.269	1.387	1.205	1.349	1.412	1.245	.948	.778	.999	.200
REGIONAL SKEW	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.333	4.211	3.813	4.259	4.512	3.920	4.323	4.653	4.619	3.890	3.292	4.632	3.504
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1937	1937	1927	1927	1938	1936	1922	1922	1922	1922	1922	1969	1937
RECORD MAXIMUM	4.300	6.280	7.840	8.610	9.410	9.490	10.700	13.030	15.350	16.060	16.070	25.290	35.940
NORMALIZED MAX	2.340	2.218	2.502	2.400	2.740	2.516	2.723	3.164	3.221	3.067	2.929	3.134	2.599
CALC. COEF. VAR	.318	.395	.416	.416	.407	.404	.436	.435	.426	.385	.400	.312	.416
REDN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1239	.1686	.1934	.2083	.2213	.2361	.2566	.2759	.3220	.3598	.4019	.5648	1.0000
RP10/A	.2058	.2849	.3302	.3553	.3769	.4009	.4358	.4652	.5436	.5864	.6610	.9386	1.5570
RP25/A	.2542	.3517	.4058	.4425	.4680	.4983	.5357	.5707	.6833	.7498	.8468	1.1438	1.8387
RP50/A	.2896	.4002	.4658	.5059	.5362	.5696	.6077	.6468	.7490	.7976	.8933	1.2932	2.0392
RP100/A	.3242	.4474	.5214	.5681	.6021	.6393	.6776	.7207	.8319	.8820	.9862	1.4392	2.2303
RP1000/A	.4359	.5989	.6996	.7687	.8143	.8641	.9003	.9580	1.0941	1.1472	1.2779	1.9001	2.8254
RP10000/A	.5444	.7452	.8716	.9635	1.0224	1.0824	1.1358	1.1816	1.3438	1.3976	1.5535	2.3432	3.3833
PMP/A	1.0423	1.4711	1.7256	1.8581	1.9672	2.0649	2.2619	2.3946	2.8001	2.9871	3.3017	4.7247	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 7694 0	STATION NAME SANTA ANA RIVER PH 1	ELEV 2765	SEC TWP	RNG LOT	8MM	LATITUDE 34.150	LONGITUDE 117-067	COUNTY 36					
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.75	3.90	4.12	4.38	4.57	4.75	5.15	5.62	6.36	7.05	8.54	11.59	21.08
5	4.18	6.00	6.39	6.82	7.10	7.36	7.92	8.58	9.69	10.59	12.64	17.43	29.65
10	5.14	7.40	7.91	8.48	8.82	9.14	9.74	10.53	11.83	12.84	15.24	21.26	34.97
20	6.07	8.72	9.34	10.05	10.48	10.83	11.44	12.35	13.82	14.90	17.63	24.84	39.83
25	6.35	9.13	9.75	10.56	10.98	11.36	11.97	12.91	14.44	15.54	18.37	25.96	41.32
40	6.96	9.99	10.72	11.59	12.05	12.46	13.07	14.09	14.74	16.05	19.89	28.27	44.38
50	7.24	10.39	11.15	12.08	12.55	12.98	13.58	14.64	16.31	17.46	20.80	29.35	45.80
100	8.11	11.62	12.48	13.56	14.10	14.57	15.15	16.31	18.11	19.31	22.74	32.65	50.09
200	8.96	12.82	13.79	15.02	15.61	16.13	16.67	17.94	19.87	21.10	24.82	35.87	54.24
1000	10.90	15.55	16.75	18.35	19.07	19.69	20.12	21.63	23.82	25.11	29.46	43.13	63.46
10000 PMP	13.61	19.34	20.87	23.00	23.90	24.67	24.90	26.74	29.25	30.60	35.82	53.19	75.99
	26.05	36.19	41.31	44.36	46.05	47.52	50.56	54.19	60.96	65.46	76.13	107.25	162.61
MEAN	3.098	4.377	4.631	4.973	5.181	5.361	5.736	6.243	7.010	7.680	9.267	12.821	22.460
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.860	1.725	1.567	1.560	1.637	1.488	1.267	1.835	1.175	.980	.555	.497	.636
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	7.385	6.374	5.835	11.415	12.074	11.042	8.897	8.293	5.915	4.147	3.242	2.570	2.825
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	7.780	12.180	12.560	16.290	17.040	17.040	17.400	17.160	17.100	17.100	18.370	23.040	37.710
NORMALIZED MAX	2.799	2.939	2.990	3.809	3.918	3.812	3.641	3.374	3.220	2.811	2.490	2.060	1.915
CALC. COEF. VAR	.540	.606	.568	.598	.584	.560	.541	.487	.447	.439	.395	.387	.355
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.1379	1.1949	1.2082	1.2214	1.2367	1.2396	1.2554	1.2779	1.3121	1.3419	1.4126	1.5768	1.0000
RP10/A	.2290	.3293	.3520	.3777	.3929	.4068	.4337	.4687	.5268	.5716	.6786	.9465	1.5570
RP25/A	.1480	.4865	.4397	.4702	.4869	.5057	.5331	.5750	.6429	.6919	.8180	1.1559	1.8397
RP50/A	.3223	.6825	.4965	.5377	.5590	.5760	.6048	.6517	.7260	.7774	.9171	1.3069	2.0392
RP100/A	.3607	.5172	.5556	.6039	.6276	.6487	.6744	.7261	.8083	.8597	1.0124	1.4536	2.2303
RP1000/A	.4851	.6822	.7457	.8171	.8469	.8768	.8960	.9631	1.1004	1.1318	1.3118	1.9204	2.8254
RP10000/A	.6059	.8613	.9290	1.0242	1.0539	1.0984	1.1095	1.1905	1.3024	1.3624	1.5947	2.3681	3.3633
PMP/A	1.1001	1.7003	1.8392	1.9750	2.0508	2.1156	2.2510	2.4125	2.7139	2.9116	3.3893	4.7750	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 8213 0	STATION NAME SIERRA POWER HOUSE		ELEV 3000	SEC 36	TWP 02N	RNG LOT 08W	8MM 5	LATITUDE 34.200	LONGITUDE 117.669	COUNTY 70	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H=HOURS											
RETURN PERIOD IN YEARS	5M	10M	15M	30M	1H	2H	3H	6M	12M	10	C-YR
2	4.54	6.30	7.10	7.58	8.12	8.56	9.35	9.91	10.83	11.99	13.68
5	6.80	9.69	11.02	11.61	12.63	13.27	14.39	15.13	16.49	18.02	20.27
10	8.47	11.94	13.83	14.68	15.69	16.46	17.69	18.56	20.13	21.84	24.43
20	9.99	14.08	16.10	17.41	18.61	19.51	20.78	21.77	23.51	25.35	28.28
25	10.47	14.74	16.88	18.27	19.53	20.47	21.74	22.77	24.57	26.43	29.45
40	11.46	16.13	18.46	20.05	21.43	22.46	23.73	24.84	25.08	26.67	31.89
50	11.92	16.78	19.23	20.90	22.33	23.39	24.66	25.80	27.74	29.70	33.62
100	13.35	18.76	21.53	23.47	25.07	26.26	27.50	28.75	30.61	32.85	36.45
200	14.75	20.70	23.78	26.00	27.77	29.07	30.27	31.63	33.60	35.90	39.78
1000	17.95	25.11	28.88	31.75	33.91	35.49	36.54	38.14	40.52	42.72	47.23
10000	22.42	31.24	35.96	39.80	42.50	44.45	45.20	47.14	49.77	52.05	57.42
PMP	42.92	61.68	71.24	76.76	81.92	85.62	91.60	95.53	103.76	111.24	122.03
MEAN	5.104	7.069	7.986	8.605	9.215	9.697	10.414	11.005	11.927	13.064	14.655
CLOCK HR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.284	1.740	1.482	1.437	1.486	1.869	2.093	1.987	1.815	1.894	1.553
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000
KURTOSIS	5.436	7.264	5.542	4.995	5.464	8.097	9.874	8.775	8.028	8.604	7.191
RECORD YEAR	67	67	67	67	66	66	66	65	66	66	66
RECORD MAXIMUM	1969	1943	1969	1969	1969	1969	1969	1969	1969	1969	1969
NORMALIZED MAX	14.800	21.470	22.530	22.620	27.070	34.170	39.710	39.020	41.720	46.310	48.210
CALC. COEF. VAR	3.777	3.744	3.265	2.957	3.425	4.324	4.703	4.463	4.340	4.515	4.295
REGN. COEF. VAR	.503	.544	.558	.559	.566	.584	.598	.598	.576	.564	.523
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481
MEAN/A	.3436	.4759	.5376	.5793	.6204	.6526	.7010	.7409	.8029	.8795	1.0000
RP10/A	.5704	.8041	.9177	.9801	1.0565	1.1083	1.1906	1.2494	1.3552	1.4701	1.6447
RP25/A	.7047	.9926	1.1361	1.2301	1.3146	1.3778	1.4635	1.5328	1.6338	1.7795	1.9825
RP50/A	.8129	1.1294	1.2946	1.4088	1.5032	1.5747	1.6603	1.7372	1.8676	1.9968	2.2270
RP100/A	.8908	1.2629	1.4491	1.5799	1.6878	1.7675	1.8513	1.9356	2.0743	2.2112	2.4539
RP1000/A	1.2003	1.8904	1.9443	2.1377	2.2029	2.3888	2.5674	2.7279	2.8759	3.1795	3.7955
RP10000/A	1.5090	2.1832	2.4225	2.6796	2.8610	2.9926	3.0432	3.1734	3.3504	3.5642	3.8653
PMP/A	2.8694	4.1522	4.7957	5.1673	5.5150	5.7641	6.1797	6.4310	6.9013	7.4087	8.2150

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
101 8243 0	SILVERADO	1100		05S	07W		5	33.753	117.667	30			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.55	3.08	3.39	3.54	3.65	3.85	4.26	4.61	5.23	5.65	6.45	8.21	13.99
5	3.87	4.73	5.26	5.51	5.68	5.97	6.56	7.04	7.97	8.49	9.55	12.35	19.68
10	4.76	5.83	6.51	6.85	7.05	7.41	8.08	8.64	9.73	10.29	11.51	15.06	23.22
20	5.62	6.87	7.69	8.12	8.36	8.78	9.47	10.13	11.37	11.94	13.32	17.60	26.44
25	5.89	7.20	8.08	8.53	8.77	9.22	9.90	10.59	11.87	12.46	13.88	18.39	27.43
40	6.44	7.86	8.83	9.36	9.60	10.11	10.81	11.56	12.91	13.51	15.02	20.03	29.82
50	6.70	8.19	9.19	9.75	10.03	10.53	11.24	12.01	13.41	14.00	15.56	20.79	30.41
100	7.51	9.16	10.28	10.95	11.26	11.82	12.53	13.38	14.89	15.48	17.17	23.13	33.25
200	8.30	10.11	11.36	12.13	12.48	13.09	13.79	14.72	16.34	16.92	18.74	25.41	36.01
1000	10.09	12.26	13.80	14.82	15.23	15.98	16.65	17.74	19.59	20.13	22.55	30.55	42.13
10000	12.40	15.26	17.19	18.57	19.09	20.02	20.94	21.93	24.45	24.93	27.05	37.68	50.45
PMP	24.13	36.12	34.03	35.82	36.80	38.55	41.82	44.45	50.12	52.42	57.50	75.97	107.95
MEAN	2.869	3.452	3.815	4.015	4.140	4.366	4.745	5.121	5.765	6.156	6.999	9.082	14.910
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.174	1.343	1.860	1.687	1.565	1.438	1.179	1.126	1.096	1.062	1.014	1.471	1.478
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	1.000
KURTOSIS	4.524	5.656	3.801	3.082	2.823	2.511	1.959	1.829	2.976	3.282	2.904	2.758	2.966
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1956	1949	1949	1949	1949	1958
RECORD MAXIMUM	6.000	8.000	8.950	8.950	9.100	9.100	9.380	9.530	13.330	14.210	15.080	17.690	28.120
NORMALIZED MAX	2.148	2.433	2.433	2.433	2.433	2.433	2.105	1.878	1.656	1.456	1.234	1.234	1.397
CALC. COEF. VAR	.508	.544	.553	.532	.524	.515	.520	.520	.548	.508	.475	.426	.372
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1924	.2315	.2559	.2693	.2776	.2928	.3182	.3434	.3866	.4129	.4694	.6091	1.0000
RP10/A	.3195	.3912	.4368	.4574	.4728	.4971	.5404	.5791	.6526	.6901	.7721	1.0100	1.5570
RP25/A	.3947	.4827	.5407	.5740	.5968	.6281	.6963	.7505	.8561	.9006	1.0306	1.2334	1.9397
RP50/A	.4497	.5495	.6161	.6540	.6728	.7064	.7536	.8053	.8993	.9387	1.0434	1.3945	2.3032
RP100/A	.5035	.6144	.6897	.7345	.7554	.7929	.8403	.8972	.9988	1.0381	1.1519	1.5510	2.2303
RP1000/A	.6768	.8224	.9253	.9938	1.0217	1.0716	1.1164	1.1901	1.3135	1.3402	1.4925	2.0490	2.8254
RP10000/A	.8453	1.0232	1.1529	1.2457	1.2804	1.3424	1.3813	1.4710	1.6133	1.6451	1.8144	2.5268	3.3833
PMP/A	1.6185	2.0200	2.2023	2.4022	2.4682	2.5856	2.8050	2.9811	3.3616	3.5157	3.8562	5.0950	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
101 9087 0	TUSTIN IRVINE	275	118	14	055	09W	R 5	33.731	117.782	30			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.89	2.34	2.56	2.71	2.83	3.00	3.20	3.49	3.93	4.33	5.10	6.89	11.39
5	2.87	3.60	3.98	4.22	4.41	4.65	4.92	5.33	5.99	6.50	7.55	10.35	16.02
10	3.53	4.44	4.92	5.25	5.48	5.77	6.05	6.54	7.31	7.88	9.10	12.63	18.90
20	4.16	5.23	5.81	6.22	6.49	6.84	7.11	7.67	8.54	9.14	10.52	14.75	21.52
25	4.36	5.48	6.09	6.53	6.81	7.17	7.44	8.02	8.92	9.54	10.97	15.42	22.33
40	4.77	5.99	6.67	7.17	7.48	7.87	8.12	8.75	9.11	10.34	11.87	16.79	23.98
50	4.97	6.23	6.94	7.47	7.79	8.20	8.44	9.09	10.08	10.72	12.29	17.44	24.75
100	5.56	6.97	7.77	8.39	8.75	9.20	9.41	10.13	11.19	11.85	13.37	19.39	27.07
200	6.15	7.69	8.58	9.29	9.69	10.19	10.36	11.15	12.28	12.95	14.81	21.30	29.31
1000	7.48	9.33	10.43	11.35	11.83	12.44	12.59	13.44	14.72	15.41	17.59	25.62	34.29
10000	9.34	11.60	12.99	14.22	14.83	15.58	15.47	16.61	18.08	18.78	21.38	31.59	41.00
PMP	17.88	22.91	25.72	27.43	28.59	30.00	31.41	33.67	37.67	40.13	45.44	63.70	87.87
MEAN	2.126	2.626	2.883	3.075	3.216	3.398	3.564	3.879	4.332	4.713	5.531	7.616	12.137
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.266	1.423	1.087	.924	.787	.682	.792	.800	1.038	1.719	1.750	1.190	.886
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.410	5.816	3.793	3.259	2.981	2.662	3.011	3.047	2.466	3.091	3.373	4.696	4.283
N	79	79	79	79	79	79	79	79	79	79	79	79	79
RECORD YEAR	1956	1956	1956	1956	1956	1956	1956	1927	1937	1952	1941	1916	1941
RECORD MAXIMUM	4.520	7.855	7.100	7.100	7.120	7.570	7.590	8.800	9.210	11.260	12.570	21.010	28.900
NORMALIZED MAX	2.479	3.562	3.011	2.804	2.625	2.631	2.508	2.804	2.488	3.087	2.963	3.623	3.549
CALC. COEF. VAR	.454	.473	.486	.467	.463	.467	.450	.453	.453	.450	.429	.389	.389
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1752	.2193	.2375	.2534	.2649	.2800	.2936	.3196	.3569	.3883	.4557	.6275	1.0000
RP10/A	.2929	.3855	.4325	.4572	.4752	.4987	.5389	.5862	.6925	.7491	.8496	1.0404	1.5570
RP25/A	.3593	.4512	.5020	.5380	.5615	.5909	.6130	.6612	.7352	.7857	.9035	1.2706	1.8397
RP50/A	.4093	.5134	.5720	.6153	.6420	.6754	.6954	.7493	.8033	.8829	1.0130	1.4366	2.0392
RP100/A	.4583	.5741	.6403	.6910	.7208	.7581	.7754	.8349	.9222	.9763	1.1183	1.5538	2.2303
RP1000/A	.6161	.7684	.8591	.9350	.9750	1.0246	1.0302	1.1074	1.2121	1.2698	1.4490	2.1109	2.8284
RP10000/A	.7694	.9581	1.0703	1.1720	1.2219	1.2835	1.2746	1.3688	1.4895	1.5472	1.7616	2.6030	3.3833
PMP/A	1.4733	1.8874	2.1189	2.2601	2.3553	2.4722	2.5883	2.7739	3.1036	3.3065	3.7439	5.2487	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 9323 51	STATION NAME VICTORIA-LOMA LINDA	ELEV 1060	SEC 39	TWP 015	RND LOT 04W A	8WM S	LATITUDE 34.081	LONGITUDE 117.255	COUNTY CODE 36
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.58	2.15	2.42	2.61	2.80	2.97	3.30	3.51	4.03	4.42	9.10	6.78	11.75
5	2.40	3.32	3.75	4.07	4.39	4.61	5.07	5.36	6.13	6.65	7.56	10.19	16.53
10	2.96	4.10	4.65	5.06	5.42	5.72	6.24	6.57	7.49	8.06	9.11	12.43	19.50
20	3.49	4.83	5.49	6.00	6.42	6.77	7.33	7.71	8.75	9.35	10.54	14.52	22.20
25	3.65	5.00	5.75	6.29	6.74	7.11	7.66	8.07	9.14	9.75	10.98	15.17	23.04
40	4.19	5.53	6.30	6.91	7.40	7.68	8.37	8.80	9.93	10.57	11.89	16.53	24.74
50	4.16	5.75	6.55	7.20	7.71	8.12	8.70	9.14	10.32	10.96	12.31	17.16	25.53
100	4.66	6.43	7.34	8.08	8.65	9.11	9.70	10.18	11.46	12.12	13.59	19.08	27.93
200	5.15	7.10	8.10	8.96	9.58	10.09	10.67	11.21	12.57	13.24	14.83	20.96	30.24
1000	6.26	8.61	9.84	10.99	11.70	12.32	12.88	13.51	15.07	15.76	17.61	25.21	36.36
10000	7.82	10.71	12.26	13.71	14.67	15.43	15.94	16.70	18.51	19.20	21.41	31.09	42.36
PMP	14.98	21.15	24.28	26.44	28.20	29.72	32.36	33.84	38.57	41.04	45.50	62.69	90.65
MEAN	1.781	2.424	2.721	2.964	3.181	3.366	3.672	3.898	4.436	4.819	5.538	7.494	12.521
CLOCK NR. COR.	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.984	.833	.972	1.039	1.306	1.196	1.054	.950	.905	.779	.749	.903	.213
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	3.591	3.034	3.356	3.807	4.914	4.452	3.824	3.629	3.631	3.370	3.633	4.407	3.024
N	83	83	83	83	83	83	83	83	83	83	83	83	82
RECORD YEAR	1938	1956	1927	1938	1897	1897	1897	1922	1949	1916	1916	1969	1969
RECORD MAXIMUM	3.950	5.350	6.480	7.490	8.870	8.870	8.870	8.970	10.400	11.360	14.060	21.290	25.100
NORMALIZED MAX	2.800	2.659	2.300	2.134	3.516	3.343	2.809	2.715	2.755	2.808	3.203	3.670	2.404
CALC. COEF. VAR	.434	.455	.488	.487	.509	.489	.490	.479	.488	.484	.480	.502	.418
REDN. COEF. VAR	.494	.519	.528	.528	.520	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.520	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1423	.1936	.2173	.2367	.2540	.2688	.2932	.3113	.3543	.3849	.4423	.5985	1.0000
RP10/A	.2362	.3271	.3710	.4038	.4326	.4554	.4980	.5250	.5980	.6434	.7275	.9924	1.5570
RP25/A	.2916	.4028	.4527	.5027	.5383	.5674	.6122	.6441	.7297	.7768	.8769	1.2119	1.8397
RP50/A	.3324	.4595	.5234	.5749	.6195	.6485	.6945	.7300	.8240	.8751	.9831	1.3702	2.0392
RP100/A	.3722	.5138	.5858	.6456	.6911	.7279	.7744	.8134	.9152	.9677	1.0853	1.5240	2.2303
RP1000/A	.5003	.6877	.7735	.8336	.8939	.9389	1.0288	1.0789	1.2036	1.2566	1.4063	2.0134	2.8254
RP10000/A	.6248	.8557	.9793	1.0950	1.1715	1.2325	1.2729	1.3336	1.4763	1.5336	1.7096	2.4828	3.3833
PMP/A	1.1964	1.6892	1.9387	2.1117	2.2582	2.3739	2.5840	2.7025	3.0604	3.2773	3.6335	5.0063	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 9338 5	STATION NAME VILLA PK-ORCHARO	ELEV 290	SEC	TWP	RND LOT	8WM	LATITUDE 33.014	LONGITUDE 117.823	COUNTY CODE 30
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MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS					
RETURN PERIOD IN YEARS	10	20	30	40	50 YR
2	2.20	2.83	3.17	3.25	12.33
5	3.33	4.35	4.92	5.08	17.60
10	4.10	5.37	6.09	6.31	21.17
20	4.84	6.33	7.20	7.49	24.50
25	5.07	6.63	7.54	7.85	25.85
40	5.55	7.25	8.26	8.63	27.88
50	5.78	7.54	8.59	8.99	28.92
100	6.47	8.43	9.62	10.10	32.13
200	7.15	9.31	10.63	11.18	35.26
1000	8.70	11.29	12.91	13.86	42.45
10000	10.86	14.04	16.08	17.12	52.48
PMP	20.79	27.73	31.83	33.02	98.52
MEAN	2.472	3.178	3.569	3.702	13.608
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.000
CALCULATED SKEW	.656	1.024	.660	.569	1.345
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400
SKEW USED	1.400	1.300	1.300	1.400	1.400
KURTOSIS	2.834	3.703	2.548	2.412	4.852
N	41	41	41	41	41
RECORD YEAR	1937	1956	1986	1956	1941
RECORD MAXIMUM	4.670	7.350	7.350	7.380	34.680
NORMALIZED MAX	2.017	2.532	2.069	2.022	3.250
CALC. COEF. VAR	.441	.519	.512	.491	.476
REDN. COEF. VAR	.494	.515	.528	.528	.416
USED COEF. VAR	.494	.515	.528	.528	.416
MEAN/A	.1817	.2335	.2623	.2720	1.0000
RP10/A	.3017	.3946	.4477	.4640	1.5900
RP25/A	.3727	.4871	.5542	.5777	1.8851
RP50/A	.4245	.5543	.6315	.6607	2.1255
RP100/A	.4753	.6197	.7069	.7419	2.3609
RP1000/A	.6390	.8695	.9485	1.0039	3.1195
RP10000/A	.7980	1.0321	1.1817	1.2584	3.8565
PMP/A	1.5280	2.0378	2.3394	2.4266	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 9587 1	STATION NAME WEST RIVERSIDE SDF	ELEV 900	SEC 07	TWP 025	RND LOT 05W	8MM S	LATITUDE 34.012	LONGITUDE 117.447	COUNTY CODE 33	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200
2	1.72	2.24	2.41	2.55	2.73	2.83	3.09	3.29	3.59	3.82
5	2.62	3.45	3.74	3.98	4.24	4.38	4.75	5.03	5.47	5.74
10	3.22	4.25	4.63	4.94	5.27	5.44	5.84	6.17	6.67	6.96
20	3.80	5.01	5.47	5.88	6.24	6.45	6.86	7.23	7.80	8.07
25	3.96	5.24	5.73	6.15	6.55	6.76	7.18	7.57	8.15	8.42
40	4.36	5.74	6.27	6.76	7.19	7.42	7.83	8.25	8.92	9.13
50	4.53	5.97	6.53	7.04	7.49	7.73	8.14	8.58	9.20	9.46
100	5.08	6.67	7.31	7.90	8.41	8.68	9.08	9.56	10.22	10.44
200	5.61	7.35	8.07	8.76	9.32	9.61	9.99	10.51	11.21	11.48
1000	6.82	8.93	9.80	10.69	11.38	11.73	12.07	12.61	13.44	13.61
10000	8.52	11.11	12.21	13.40	14.26	14.69	14.92	15.67	16.50	16.58
PMP	16.32	21.94	24.18	25.65	27.49	28.29	30.30	31.75	34.39	35.44
MEAN	1.940	2.514	2.711	2.898	3.092	3.204	3.437	3.658	3.955	4.162
CLOCK HR. COR.	1.140	1.870	1.823	1.810	1.810	1.810	1.800	1.800	1.800	1.800
CALCULATED SKEW	2.085	2.085	2.085	2.085	2.085	2.085	2.085	2.085	2.085	2.085
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000
KURTOSIS	5.978	9.337	6.613	4.501	4.272	4.278	3.648	3.410	3.237	3.130
RECORD YEAR	26	26	26	26	26	26	26	26	26	26
RECORD MAXIMUM	4.190	6.750	6.760	6.770	6.770	6.990	7.350	7.660	8.350	8.350
NORMALIZED MAX	2.482	3.237	2.840	2.578	2.401	2.458	2.395	2.392	2.433	2.346
CALC. COEF. VAR	.467	.520	.526	.518	.495	.491	.475	.457	.429	.405
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.501	.481
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.501	.481

MEAN/A	.1801	.2334	.2516	.2689	.2870	.2973	.3190	.3394	.3670	.3862
RP10/A	.2990	.3943	.4558	.4588	.4887	.5048	.5417	.5724	.6195	.6456
RP25/A	.3693	.4867	.5316	.5711	.6081	.6276	.6659	.7023	.7559	.7814
RP50/A	.4207	.5538	.6058	.6531	.6954	.7173	.7554	.7959	.8537	.8781
RP100/A	.4710	.6193	.6781	.7335	.7808	.8051	.8423	.8868	.9491	.9710
RP1000/A	.6333	.8289	.9096	.9925	1.0560	1.0882	1.1191	1.1763	1.2469	1.2629
RP10000/A	.7968	1.0313	1.1335	1.2440	1.3234	1.3631	1.3846	1.4539	1.5314	1.5368
PMP/A	1.5143	2.0360	2.2440	2.3990	2.5511	2.6256	2.8116	2.9464	3.1911	3.2686

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y01 9675 51	STATION NAME WILD ROSE RANCH	ELEV 1011	SEC 27	TWP 045	RND LOT 06W	8MM S	LATITUDE 33.550	LONGITUDE 117.789	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.53	3.13	3.47	3.80	3.92	4.07	4.41	4.60	5.00	5.51	6.17	8.15	11.92
5	3.84	4.81	5.38	5.92	6.09	6.32	6.77	7.02	7.61	8.29	9.14	12.95	19.77
10	4.93	6.09	6.66	7.36	7.57	7.84	8.33	8.61	9.29	10.04	11.02	14.90	25.09
20	5.57	6.99	7.86	8.73	8.97	9.29	9.78	10.10	10.86	11.66	12.74	17.47	22.52
25	5.84	7.32	8.24	9.16	9.42	9.75	10.24	10.57	11.34	12.16	13.28	18.26	23.36
40	6.39	8.01	9.02	10.06	10.33	10.69	11.18	11.53	11.98	13.18	14.38	19.88	25.90
50	6.65	8.33	9.39	10.48	10.77	11.14	11.61	11.99	12.81	13.66	14.89	20.64	25.90
100	7.44	9.31	10.51	11.76	12.09	12.50	12.95	13.34	14.23	15.11	16.43	22.96	28.32
200	8.22	10.26	11.61	13.03	13.39	13.84	14.26	14.68	15.61	16.51	17.94	25.22	30.67
1000	10.01	12.46	14.10	15.92	16.35	16.90	17.21	17.70	18.71	19.65	20.88	27.40	33.83
10000	12.49	15.51	17.87	19.95	20.49	21.17	21.29	21.86	22.98	23.94	25.89	37.40	42.96
PMP	23.93	30.61	34.79	38.46	39.50	40.77	43.23	44.33	47.88	51.16	55.02	75.02	91.94
MEAN	2.845	3.509	3.900	4.314	4.443	4.617	4.904	5.108	5.507	6.008	6.698	9.016	12.699
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.352	2.429	2.404	1.985	1.866	1.892	1.588	1.524	1.466	1.174	0.894	1.052	1.945
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000	1.000	1.200	1.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	9.500	10.448	10.594	7.965	7.307	7.516	6.439	6.259	5.781	4.710	3.951	3.499	3.522
N	20	26	22	21	21	21	21	21	21	21	21	21	21
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1941
RECORD MAXIMUM	9.100	11.350	12.430	12.430	12.670	13.580	13.580	14.180	14.180	14.740	14.740	20.230	26.500
NORMALIZED MAX	2.815	3.157	3.382	3.068	3.019	3.080	3.003	2.967	2.739	2.625	2.267	2.346	2.420
CALC. COEF. VAR	.781	.708	.647	.610	.613	.630	.589	.595	.575	.554	.495	.531	.445
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491	.491	.461
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2240	.2763	.3071	.3397	.3499	.3636	.3862	.4022	.4336	.4731	.5274	.7101	.8774
RP10/A	.3719	.4668	.5242	.5794	.5959	.6173	.6559	.6782	.7319	.7978	.8674	1.1133	1.3977
RP25/A	.4595	.5762	.6499	.7213	.7414	.7671	.8062	.8291	.8931	.9573	1.0456	1.3377	1.6399
RP50/A	.5234	.6557	.7395	.8249	.8478	.8771	.9146	.9430	1.0086	1.0756	1.1723	1.6255	2.0392
RP100/A	.5860	.7332	.8278	.9264	.9519	.9844	1.0199	1.0508	1.1202	1.1899	1.2942	1.8079	2.2303
RP1000/A	.7879	.9814	1.1107	1.2535	1.2875	1.3306	1.3950	1.3937	1.4732	1.5471	1.6769	2.3885	2.8284
RP10000/A	.9839	1.2210	1.3838	1.5712	1.6135	1.6668	1.8764	1.7227	1.8094	1.8851	2.0386	2.9454	3.3833
PMP/A	1.8840	2.4105	2.7394	3.0299	3.1103	3.2104	3.6043	3.4911	3.7704	4.0285	4.3326	5.9390	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT PENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y02 606 0	STATION NAME BEAUMONT	ELEV 2613	SEC 10	TWP 025	RNG LOT 01W	84M S	LATITUDE 33.933	LONGITUDE 116.967	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.27	2.87	3.21	3.45	3.63	3.79	4.19	4.48	5.14	5.72	6.79	9.09	16.96
5	3.44	4.40	4.98	5.37	5.65	5.88	6.45	6.82	7.83	8.60	10.09	13.67	23.65
10	4.24	5.43	6.17	6.67	7.01	7.30	7.93	8.36	9.56	10.42	12.12	16.68	28.13
20	5.00	6.40	7.28	7.91	8.32	8.65	9.31	9.88	11.16	12.09	14.02	19.44	32.64
25	5.24	6.70	7.63	8.30	8.73	9.07	9.74	10.25	11.66	12.61	14.61	20.36	33.24
40	5.73	7.33	8.36	9.12	9.58	9.96	10.64	11.19	12.71	13.67	15.81	22.19	35.70
50	5.98	7.63	8.70	9.47	9.98	10.37	11.05	11.62	13.24	14.17	16.36	22.84	36.84
100	6.68	8.53	9.74	10.67	11.20	11.64	12.32	12.95	14.63	15.67	18.08	25.61	40.30
200	7.38	9.41	10.75	11.82	12.41	12.89	13.57	14.25	16.05	17.12	19.73	28.13	43.63
1000	10.98	11.42	13.06	14.43	15.15	15.73	16.37	17.18	19.24	20.36	23.42	33.83	51.05
10000	11.21	14.20	16.27	18.09	18.99	19.71	20.26	21.23	23.62	24.83	28.48	41.72	61.13
PMP	21.47	28.64	32.22	34.89	36.61	37.96	41.14	43.03	49.23	53.06	60.52	84.12	130.81
MEAN	2.553	3.214	3.612	3.911	4.118	4.299	4.667	4.957	5.662	6.232	7.367	10.056	18.088
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.390	.948	.674	.936	1.170	1.125	.762	.846	.955	.810	.893	1.016	.560
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	.960
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.960
KURTOSIS	5.027	2.585	2.991	3.577	4.486	4.182	3.073	2.694	4.203	3.504	3.509	3.783	2.820
N	50	50	50	50	50	50	50	50	50	50	50	50	63
RECORD YEAR	1969	1969	1969	1967	1967	1967	1967	1967	1916	1916	1916	1969	1937
RECORD MAXIMUM	5.080	5.750	7.140	8.220	9.710	9.710	9.710	9.710	10.080	10.580	10.410	24.100	34.000
NORMALIZED MAX	2.268	1.691	2.230	2.483	3.035	2.941	2.496	2.253	3.294	2.927	2.803	3.270	1.437
CALC. COEF. VAR	.430	.417	.437	.444	.447	.443	.433	.426	.451	.458	.429	.454	.355
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.413	1.779	1.999	2.165	2.279	2.380	2.583	2.743	3.134	3.449	4.077	5.566	1.0000
RP10/A	2.236	3.003	3.412	3.682	3.882	4.040	4.387	4.626	5.289	5.765	6.706	9.229	1.5578
RP25/A	2.808	3.710	4.258	4.593	4.830	5.078	5.476	5.676	6.484	6.979	8.084	1.1271	1.4397
RP50/A	3.301	4.221	4.814	5.257	5.523	5.740	6.117	6.432	7.289	7.842	9.063	1.2743	2.0392
RP100/A	3.696	4.720	5.388	5.906	6.201	6.443	6.821	7.167	8.095	8.672	1.0006	1.4173	2.2303
RP1000/A	4.969	6.318	7.230	7.988	8.387	8.678	9.063	9.507	1.0848	1.1279	1.2764	1.6724	2.8254
RP10000/A	6.205	7.861	9.007	1.0013	1.0511	1.0909	1.213	1.2765	1.3743	1.5761	2.3080	3.3823	
PMP/A	1.1682	1.5519	1.7832	1.9309	2.0262	2.1011	2.2769	2.3813	2.7246	2.9369	3.3497	4.6559	7.2400

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y02 607 0	STATION NAME BEAUMONT PUMP PLANT	ELEV 3045	SEC 22	TWP 025	RNG LOT 01W	84M S	LATITUDE 33.983	LONGITUDE 116.967	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.66	3.44	3.91	4.10	4.32	4.54	4.94	5.37	6.08	6.60	7.61	10.42	19.36
5	4.04	5.28	5.91	6.39	6.71	7.04	7.60	8.21	9.26	9.92	11.28	15.67	27.23
10	4.97	6.51	7.31	7.94	8.34	8.74	9.35	10.06	11.30	12.02	13.69	19.11	32.12
25	5.86	7.67	8.64	9.42	9.89	10.36	10.98	11.80	13.21	13.95	15.73	22.33	36.38
40	6.14	8.04	9.05	9.88	10.38	10.87	11.49	12.35	13.80	14.55	16.39	23.34	37.95
50	6.25	8.76	9.91	10.65	11.39	11.92	12.54	13.47	14.68	15.77	17.74	25.42	40.76
100	6.99	9.15	10.31	11.30	11.87	12.42	13.03	13.99	15.56	16.35	18.37	26.39	42.06
200	7.83	10.23	11.54	12.69	13.33	13.94	14.53	15.59	17.30	18.08	20.28	29.35	46.00
1000	8.65	11.29	12.75	14.06	14.76	15.44	16.00	17.15	18.98	19.75	22.14	32.24	49.61
10000	10.53	13.69	15.49	17.18	18.02	18.84	19.31	20.88	22.75	23.51	26.28	38.77	56.28
PMP	13.14	17.03	19.30	21.53	22.59	23.60	23.89	25.56	27.95	28.64	31.95	47.81	69.79
	25.17	33.63	38.20	41.32	43.54	45.46	48.51	51.81	58.24	61.22	67.91	96.41	149.34
MEAN	2.993	3.854	4.283	4.655	4.898	5.148	5.503	5.968	6.698	7.189	8.267	11.525	20.627
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.630	1.194	1.217	1.539	1.567	1.497	1.143	1.151	1.201	1.180	.949	.968	.575
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	5.561	4.308	4.158	5.774	5.869	5.124	4.112	4.200	4.474	4.667	3.909	3.294	2.884
N	63	63	63	63	63	63	63	63	63	63	63	63	63
RECORD YEAR	1927	1927	1927	1927	1927	1927	1927	1922	1916	1916	1916	1963	1937
RECORD MAXIMUM	7.050	9.650	11.240	14.000	14.450	14.570	14.990	15.060	16.060	19.600	21.430	26.830	36.190
NORMALIZED MAX	2.064	2.068	3.074	3.692	3.667	3.498	3.275	3.014	3.269	3.505	3.390	2.831	2.591
CALC. COEF. VAR	.503	.507	.528	.544	.532	.523	.504	.505	.516	.493	.470	.463	.329
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.431	1.888	2.076	2.257	2.374	2.496	2.688	2.893	3.247	3.485	4.008	5.587	1.0000
RP10/A	2.409	3.137	3.544	3.849	4.044	4.237	4.531	4.879	5.540	5.826	6.591	9.265	1.5570
RP25/A	2.976	3.897	4.386	4.792	5.032	5.268	5.570	5.966	6.668	7.052	7.945	1.1314	1.6397
RP50/A	3.390	4.434	5.000	5.480	5.754	6.021	6.319	6.674	7.552	7.924	8.808	1.2792	2.0392
RP100/A	3.776	4.958	5.597	6.134	6.466	6.758	7.046	7.359	8.388	8.763	9.634	1.4227	2.2303
RP1000/A	5.103	6.637	7.509	8.327	8.738	9.134	9.561	1.0026	1.1031	1.1997	1.2742	1.6796	2.6284
RP10000/A	6.372	8.258	9.356	10.338	1.0951	1.1441	1.1981	1.2393	1.3549	1.3867	1.5490	2.3179	3.3833
PMP/A	1.2202	1.6303	1.8521	2.0129	2.1109	2.2038	2.3518	2.5115	2.8232	2.9677	3.2922	4.6736	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y02 2005 0	STATION NAME ELLSNORE	ELEV 1285	SEC 07	TWP 06S	RNG LOT 04W 8	8WM 5	LATITUDE 33.669	LONGITUDE 117.332	COUNTY COOE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.02	2.53	2.76	2.94	3.11	3.26	3.55	3.71	4.21	4.62	5.32	7.05	11.24
5	3.06	3.69	4.20	4.58	4.83	5.05	5.46	5.67	6.41	6.95	7.88	10.59	15.82
10	3.77	4.79	5.30	5.69	6.01	6.27	6.71	6.95	7.82	8.42	9.49	12.92	18.66
20	4.44	5.65	6.26	6.75	7.12	7.43	7.88	8.16	9.14	9.78	10.98	15.10	21.25
25	4.65	5.92	6.56	7.09	7.47	7.79	8.25	8.53	9.55	10.20	11.44	15.78	22.04
40	5.09	6.47	7.18	7.78	8.20	8.55	9.01	9.31	9.75	11.06	12.39	17.18	23.68
50	5.30	6.73	7.47	8.11	8.55	8.91	9.36	9.67	10.78	11.46	12.83	17.84	24.44
100	5.93	7.53	8.36	9.10	9.60	10.00	10.44	10.77	11.97	12.67	14.16	19.84	26.72
200	6.36	8.31	9.24	10.08	10.63	11.07	11.49	11.85	13.13	13.85	15.48	21.80	28.94
1000	7.98	10.08	11.22	12.32	12.98	13.51	13.87	14.29	15.75	16.48	18.35	26.21	33.86
10000	9.96	12.54	13.98	15.44	16.27	16.93	17.16	17.66	19.34	20.08	22.31	32.33	40.54
PMP	19.08	24.76	27.68	29.77	31.35	32.61	34.84	35.79	40.30	42.91	47.42	65.18	86.76
MEAN	2.268	2.837	3.103	3.338	3.527	3.693	3.952	4.123	4.635	5.039	5.772	7.792	11.983
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.068	1.170	1.233	1.301	1.305	1.303	1.105	1.176	1.419	1.427	1.230	1.278	1.039
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	4.384	3.921	4.158	4.730	4.612	4.250	3.739	3.990	5.113	5.380	4.894	4.627	3.531
N	75	75	75	75	74	75	75	75	75	75	75	75	75
RECORD YEAR	1927	1943	1927	1922	1922	1922	1922	1916	1932	1916	1922	1932	1932
RECORD MAXIMUM	5.280	6.970	7.340	9.420	9.630	9.760	10.510	11.230	13.810	15.120	17.200	21.070	28.010
NORMALIZED MAX	2.859	2.782	2.524	3.254	3.007	2.866	2.948	3.106	3.399	3.488	3.562	3.007	2.747
CALC. COEF. VAR	.464	.324	.341	.560	.576	.573	.583	.555	.582	.574	.556	.567	.487
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.410
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1893	.2368	.2590	.2786	.2943	.3082	.3298	.3441	.3868	.4205	.4817	.6503	1.0000
RP10/A	.3143	.4001	.4421	.4752	.5013	.5232	.5601	.5803	.6528	.7029	.7923	1.0783	1.5570
RP25/A	.3882	.4939	.5473	.5915	.6237	.6505	.6885	.7119	.7966	.8508	.9550	1.3168	1.8397
RP50/A	.4423	.5620	.6236	.6765	.7132	.7434	.7811	.8068	.8996	.9560	1.0707	1.4888	2.0392
RP100/A	.4962	.6284	.6981	.7597	.8068	.8348	.8710	.8898	.9992	1.0573	1.1921	1.6588	2.2303
RP1000/A	.6657	.8411	.9366	1.0280	1.0831	1.1279	1.1571	1.1924	1.3140	1.3751	1.5310	2.1876	2.6254
RP10000/A	.8314	1.0465	1.1669	1.2885	1.3574	1.4129	1.4317	1.4738	1.6139	1.6755	1.8620	2.6977	3.3833
PMP/A	1.5919	2.0661	2.3101	2.4848	2.6165	2.7213	2.9072	2.9867	3.3629	3.5906	3.9573	5.4396	7.2400

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y02 3414 50	STATION NAME GILMAN HOT SPRINGS	ELEV 1648	SEC 09	TWP 04S	RNG LOT 01W	8WM 5	LATITUDE 33.834	LONGITUDE 116.989	COUNTY COOE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.62	2.15	2.19	2.28	2.41	2.60	2.93	3.08	3.41	3.63	4.42	5.96	10.54
5	2.47	3.31	3.40	3.54	3.75	4.03	4.50	4.70	5.19	5.46	6.55	8.96	14.82
10	3.04	4.08	4.21	4.41	4.66	5.00	5.13	5.77	6.34	6.61	7.89	10.93	17.48
20	3.58	4.80	4.97	5.23	5.53	5.92	6.50	6.76	7.40	7.68	9.13	12.77	19.91
25	3.75	5.03	5.21	5.48	5.80	6.21	6.80	7.07	7.73	8.01	9.51	13.25	20.65
40	4.11	5.50	5.70	6.02	6.37	6.82	7.43	7.72	8.50	8.88	10.30	14.53	22.16
50	4.27	5.72	5.93	6.27	6.63	7.10	7.72	8.02	8.73	9.00	10.47	15.09	22.89
100	4.78	6.40	6.64	7.04	7.45	7.97	8.61	8.93	9.70	9.95	11.78	16.78	25.04
200	5.29	7.06	7.34	7.80	8.25	8.82	9.47	9.83	10.64	10.87	12.85	18.44	27.11
1000	6.43	8.57	8.91	9.53	10.07	10.77	11.43	11.85	12.76	12.94	15.26	22.17	31.72
10000	8.03	10.68	11.10	11.95	12.62	13.49	14.15	14.64	15.67	15.76	18.55	27.34	37.98
PMP	15.38	21.05	21.98	23.04	24.33	25.99	28.73	29.68	32.65	33.69	39.43	55.13	81.28
MEAN	1.828	2.412	2.464	2.583	2.737	2.943	3.259	3.419	3.755	3.957	4.799	6.590	11.227
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.973	.700	.415	1.323	1.311	1.298	.906	1.308	1.030	.976	.786	1.381	1.908
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	9.022	2.881	2.692	5.447	6.052	5.293	3.579	4.777	4.100	3.789	3.108	5.398	4.559
N	27	27	26	25	26	26	26	26	27	27	27	27	27
RECORD YEAR	1966	1966	1969	1974	1974	1974	1974	1968	1969	1969	1966	1969	1958
RECORD MAXIMUM	3.910	4.160	4.230	5.460	5.990	6.280	6.560	7.000	7.170	7.630	8.880	15.390	22.180
NORMALIZED MAX	2.894	1.979	2.067	2.876	3.119	2.904	2.433	2.340	2.306	2.406	2.676	2.977	2.533
CALC. COEF. VAR	.395	.366	.367	.381	.394	.412	.394	.407	.407	.407	.448	.448	.385
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1028	.2149	.2195	.2301	.2438	.2621	.2903	.3045	.3345	.3524	.4275	.5870	1.0000
RP10/A	.2704	.3630	.3747	.3925	.4152	.4480	.4930	.5135	.5645	.5891	.7031	.9734	1.5570
RP25/A	.3340	.4488	.4639	.4856	.5168	.5533	.6000	.6300	.6889	.7131	.8476	1.1897	1.8397
RP50/A	.3905	.5099	.5308	.5580	.5907	.6324	.6875	.7140	.7779	.8013	.9502	1.3420	2.0392
RP100/A	.4260	.5702	.5917	.6275	.6632	.7096	.7666	.7956	.8640	.8861	1.0490	1.4948	2.2303
RP1000/A	.5727	.7632	.7939	.8490	.8971	.9593	1.0185	1.0553	1.1363	1.1525	1.3592	1.9748	2.8254
RP10000/A	.7152	.9496	.9891	1.0643	1.1242	1.2018	1.2581	1.3035	1.3958	1.4042	1.6424	2.3935	3.3635
PMP/A	1.3595	1.8747	1.9581	2.0523	2.1671	2.3147	2.5588	2.6433	2.9081	3.0010	3.5118	4.9105	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y02 3889 0	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE			
	HEMET RESERVOIR	476	4355	09	065	03W H	S	33.667	116.667	33			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.31	2.97	3.20	3.47	3.69	3.86	4.17	4.50	5.11	5.65	6.45	8.92	17.56
5	3.51	4.56	5.09	5.40	5.74	5.99	6.41	6.87	7.78	8.49	9.95	13.27	24.70
10	4.32	5.62	6.30	6.72	7.14	7.44	7.98	8.43	9.50	10.29	11.52	16.10	29.14
20	5.09	6.63	7.44	7.97	8.46	8.81	9.25	9.69	11.10	11.95	13.32	18.91	33.18
25	5.33	6.94	7.80	8.36	8.88	9.24	9.68	10.34	11.60	12.46	13.88	19.76	34.43
40	5.84	7.60	8.54	9.18	9.75	10.14	10.57	11.28	11.84	12.51	15.03	21.52	36.98
50	6.08	7.90	8.88	9.56	10.15	10.56	11.01	11.72	12.10	12.68	15.07	22.34	38.18
100	6.80	8.83	9.95	10.74	11.40	11.86	12.25	13.06	14.55	15.68	17.18	24.85	41.74
200	7.92	9.75	10.99	11.90	12.63	13.13	13.46	14.37	15.90	16.92	18.75	27.30	45.19
1000	9.15	11.82	13.34	14.53	15.42	16.03	16.27	17.32	19.13	20.14	22.27	32.63	52.68
10000	11.42	14.71	16.83	18.21	19.33	20.08	20.13	21.41	24.53	25.67	28.40	40.40	63.31
PMP	21.67	29.04	32.92	35.12	37.25	38.67	40.88	43.39	48.96	52.43	57.53	81.62	135.49
MEAN	2.601	3.329	3.690	3.937	4.191	4.386	4.637	4.999	5.631	6.158	7.003	9.787	18.714
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.365	1.734	1.612	1.532	1.442	1.352	1.301	1.293	1.260	1.236	1.200	1.153	1.000
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.100	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	10.472	6.743	5.988	5.413	5.567	5.467	4.810	4.696	3.446	3.167	2.517	2.945	2.785
N	74	74	74	74	74	74	74	74	74	74	74	74	74
RECORD YEAR	1927	1927	1927	1927	1927	1927	1927	1922	1922	1922	1922	1922	1937
RECORD MAXIMUM	7.750	9.700	10.820	11.540	12.540	12.720	12.910	13.470	13.470	14.740	15.740	22.510	34.270
NORMALIZED MAX	3.899	3.647	3.583	3.520	3.596	3.580	3.507	3.316	2.832	2.785	2.661	2.875	2.408
CALC. COEF. VAR	.494	.525	.539	.548	.539	.532	.509	.492	.459	.459	.445	.459	.459
REGION. COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.390	1.779	1.972	2.104	2.239	2.340	2.478	2.671	3.009	3.290	3.742	5.214	1.0000
RP10/A	2.267	3.005	3.366	3.589	3.814	3.973	4.208	4.504	5.078	5.500	6.155	8.646	1.5570
RP25/A	2.890	3.710	4.167	4.468	4.745	4.940	5.173	5.526	6.197	6.658	7.419	1.0558	1.6397
RP50/A	3.247	4.222	4.748	5.110	5.426	5.646	5.888	6.263	6.980	7.461	8.318	1.1937	2.0392
RP100/A	3.635	4.720	5.315	5.738	6.092	6.337	6.544	6.978	7.773	8.273	9.182	1.3277	2.2303
RP1000/A	4.887	6.318	7.131	7.784	8.240	8.585	8.894	9.256	1.0222	1.0760	1.1890	1.7540	2.8254
RP10000/A	6.013	7.881	8.885	9.732	1.0327	1.0729	1.0756	1.1440	1.2555	1.3110	1.4484	2.1830	3.3833
PMP/A	1.1687	1.5520	1.7588	1.8767	1.9707	2.0206	2.1863	2.3184	2.6181	2.8018	3.0741	4.3015	7.2408

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y02 3896 0	STATION NAME HEMET	ELEV 176	SEC 1630	TWP 11	RNG LOT 055	BWM 01W P	S S	LATITUDE 33.750	LONGITUDE 116.950	COUNTY CODE 33			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	365
2	1.63	2.00	2.19	2.35	2.52	2.63	2.87	3.09	3.41	3.75	4.45	6.04	10.65
5	2.47	3.07	3.39	3.65	3.92	4.07	4.41	4.72	5.20	5.63	6.59	9.09	14.90
10	3.06	3.78	4.20	4.54	4.86	5.05	5.42	5.79	6.34	6.83	7.94	11.09	17.67
20	3.89	4.46	4.96	5.39	5.77	5.99	6.37	6.79	7.41	7.92	9.19	12.95	20.12
25	3.76	4.67	5.20	5.65	6.05	6.26	6.67	7.10	7.74	8.28	9.57	13.54	20.88
40	4.12	5.11	5.69	6.21	6.64	6.86	7.28	7.75	7.99	8.66	10.37	14.74	22.43
50	4.28	5.32	5.92	6.47	6.92	7.18	7.56	8.03	8.74	9.28	10.73	15.31	23.14
100	4.79	5.94	6.63	7.26	7.77	8.08	8.43	8.97	9.71	10.27	11.85	17.02	25.31
200	5.30	6.56	7.33	8.04	8.61	8.92	9.29	9.87	10.65	11.22	12.93	18.70	27.41
1000	6.45	7.95	8.90	9.62	10.51	10.80	11.21	11.89	12.77	13.38	15.35	22.49	32.97
10000	6.05	9.90	11.09	12.31	13.17	13.64	13.86	14.70	15.68	16.27	18.67	27.73	38.40
PMP	15.41	19.54	21.95	23.75	25.39	26.27	28.15	29.79	32.68	34.77	39.67	55.92	82.17
MEAN	1.833	2.240	2.460	2.662	2.856	2.975	3.194	3.432	3.758	4.083	4.829	6.685	11.349
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.440	1.043	0.878	0.911	0.862	0.868	0.548	0.556	0.455	0.374	0.543	0.846	1.284
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	6.053	4.408	3.767	3.475	3.234	3.589	2.860	2.827	2.665	2.542	2.897	3.690	4.911
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1943	1943	1943	1967	1967	1943	1943	1943	1941	1941	1941	1941	1937
RECORD MAXIMUM	3.890	6.730	5.160	5.500	5.500	6.170	6.170	6.350	6.340	7.090	8.960	14.280	25.000
NORMALIZED MAX	2.628	2.707	2.636	2.630	2.630	2.607	2.420	2.335	2.203	2.063	1.944	2.258	2.892
CALC. COEF. VAR	.397	.411	.416	.422	.402	.403	.385	.364	.370	.375	.379	.437	.467
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.615	1.973	2.188	2.365	2.517	2.622	2.814	3.024	3.311	3.598	4.258	5.901	1.0000
RP10/A	2.611	3.334	3.701	4.001	4.286	4.451	4.780	5.100	5.599	6.014	6.999	9.768	1.1570
RP25/A	3.312	4.116	4.591	4.981	5.333	5.533	5.975	6.256	6.820	7.280	8.436	1.1928	1.9397
RP50/A	3.774	4.683	5.220	5.697	6.098	6.324	6.665	7.091	7.702	8.180	9.458	1.3487	2.0392
RP100/A	4.225	5.237	5.844	6.397	6.847	7.098	7.432	7.901	8.554	9.046	1.0441	1.5000	2.2303
RP1000/A	5.680	7.010	7.846	8.656	9.262	9.587	9.987	1.0450	1.1250	1.1766	1.3520	1.9471	2.8254
RP10000/A	7.093	8.722	9.768	1.0850	1.1807	1.2018	1.2216	1.2953	1.3817	1.4307	1.6447	2.4437	3.3833
PMP/A	1.3582	1.7218	1.9338	2.0924	2.2374	2.3149	2.4807	2.6250	2.8791	3.0837	3.4956	4.9275	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y02 4211 0	STATION NAME IOYLWILD FIRE STATION	ELEV 5397	SEC 07	TWP 055	RNG LOT 03E P	BWM 5	LATITUDE 33.746	LONGITUDE 116.713	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.93	4.16	4.39	4.58	4.87	5.10	5.47	5.96	6.85	7.48	8.63	11.87	22.67
5	4.44	6.39	6.82	7.13	7.57	7.91	8.42	9.11	10.43	11.24	12.79	17.85	31.89
10	5.47	7.88	8.43	8.86	9.40	9.82	10.35	11.17	12.73	13.62	15.41	21.77	37.62
20	6.45	9.29	9.96	10.51	11.15	11.63	12.16	13.10	14.87	15.61	17.83	25.44	42.84
25	6.76	9.73	10.44	11.03	11.70	12.20	12.72	13.70	15.54	16.49	18.58	26.58	44.45
40	7.40	10.65	11.43	12.11	12.84	13.39	13.88	14.95	17.86	18.86	20.11	28.95	47.75
50	7.70	11.07	11.90	12.62	13.38	13.95	14.43	15.53	17.55	18.53	20.83	30.66	49.27
100	8.62	12.38	13.32	14.17	15.02	15.66	16.09	17.30	19.49	20.49	22.99	33.43	53.69
200	9.53	13.67	14.71	15.70	16.64	17.34	17.72	19.04	21.38	22.39	25.10	36.72	58.35
1000	11.59	18.58	19.18	20.32	21.16	21.36	22.95	25.63	31.48	32.37	36.22	54.46	81.75
10000	14.47	20.62	22.26	24.04	25.46	26.51	26.45	29.37	31.48	32.37	36.22	54.46	81.75
PMP	27.71	40.71	44.07	46.35	49.08	51.06	53.72	57.48	65.60	69.39	76.98	109.61	174.94
MEAN	3.295	4.666	4.940	5.196	5.521	5.782	6.094	6.623	7.544	8.149	9.371	13.128	24.163
CLOCK HR. COR.	1.140	1.070	1.000	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CLOCKED SKEW	1.346	1.449	1.468	1.491	1.511	1.527	1.548	1.574	1.622	1.637	1.764	2.473	4.709
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	3.783	4.561	5.346	7.640	8.587	8.411	6.856	6.190	4.733	3.769	3.190	3.028	3.219
N	27	27	27	27	27	27	27	27	27	27	27	27	27
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1952
RECORD MAXIMUM	6.660	11.950	13.660	16.140	17.850	17.850	17.850	17.880	17.880	17.880	18.710	25.800	41.600
NORMALIZED MAX	2.047	2.599	2.897	3.385	3.562	3.535	3.362	3.236	2.818	2.548	2.205	2.227	2.044
CALC. COEF. VAR	.499	.601	.609	.622	.627	.590	.574	.525	.486	.469	.452	.433	.354
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.1364	1.1931	1.2045	1.2151	1.2285	1.2393	1.2522	1.2741	1.3122	1.3373	1.3878	1.5433	1.0000
RP10/A	1.2268	1.3263	1.3490	1.3668	1.3891	1.4063	1.4284	1.4622	1.5270	1.5638	1.6379	1.9090	1.5570
RP25/A	1.2797	1.4028	1.4342	1.4542	1.4742	1.4942	1.5142	1.5480	1.6331	1.6689	1.7689	1.1002	1.8397
RP50/A	1.3186	1.4583	1.4923	1.5223	1.5517	1.5773	1.5973	1.6426	1.7263	1.7668	1.8620	1.2439	2.0392
RP100/A	1.3567	1.5125	1.5511	1.5865	1.6217	1.6479	1.6661	1.7160	1.8066	1.8480	1.9517	1.3935	2.2303
RP1000/A	1.4796	1.6860	1.7394	1.7936	1.8468	1.8757	1.8849	1.9008	1.0833	1.1023	1.2331	1.6278	2.8284
RP10000/A	1.5989	1.8535	1.9213	1.9948	2.0681	1.0538	1.0970	1.0948	1.1740	1.3029	1.3438	1.4990	2.2539
PMP/A	1.1469	1.6850	1.8238	1.9183	2.0313	2.1130	2.2232	2.3791	2.7149	2.8718	3.1859	4.5448	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB Y02 5736 90	STATION NAME MOCKINGBIRD RESERVOIR	ELEV 1007	SEC 21	TWP 035	RNG LOT 05W	BWM 5	LATITUDE 33.897	LONGITUDE 117.415	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.37	1.80	1.92	2.08	2.20	2.05	2.44	2.84	2.74	3.06	3.55	5.13	8.67
5	2.08	2.77	2.98	3.25	3.42	3.18	3.75	4.04	4.17	4.60	5.26	7.72	12.19
10	2.56	3.41	3.69	4.03	4.25	3.96	4.61	4.95	5.09	5.58	6.34	9.41	14.38
20	3.02	4.02	4.36	4.79	5.04	4.68	5.41	5.81	5.95	6.47	7.34	11.00	16.38
25	3.17	4.21	4.57	5.02	5.29	4.91	5.66	6.08	6.22	6.75	7.65	11.49	16.99
40	3.47	4.61	5.00	5.51	5.80	5.38	6.18	6.63	6.35	7.32	8.28	12.51	18.25
50	3.61	4.79	5.21	5.74	6.04	5.61	6.42	6.89	7.02	7.58	8.57	12.99	18.84
100	4.04	5.36	5.83	6.45	6.79	6.29	7.16	7.67	7.80	8.39	9.46	14.45	20.60
200	4.46	5.91	6.44	7.14	7.52	6.97	7.89	8.44	8.55	9.17	10.33	15.87	22.31
1000	5.43	7.17	7.82	8.73	9.18	8.51	9.92	10.18	10.25	10.91	12.26	19.09	26.10
10000	6.78	8.92	9.74	10.94	11.51	10.66	11.78	12.58	12.59	13.29	14.91	23.54	31.25
PMP	12.98	17.62	19.29	21.09	22.18	20.92	23.91	25.49	26.24	28.40	31.69	47.46	66.88
MEAN	1.543	2.019	2.162	2.365	2.495	2.324	2.713	2.937	3.018	3.335	3.857	5.674	9.238
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.610	.800	.869	.954	.805	1.110	.854	.521	.329	.449	.377	1.228	1.420
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	2.200	3.424	3.524	2.905	3.828	2.626	3.614	3.157	2.994	2.956	2.787	4.226	5.331
N	34	33	33	32	33	30	32	32	33	33	34	34	34
RECORD YEAR	1969	1943	1943	1943	1943	1967	1943	1969	1943	1969	1969	1941	
RECORD MAXIMUM	2.340	3.680	4.370	4.670	5.370	3.700	5.520	5.720	5.580	6.290	6.700	12.660	21.990
NORMALIZED MAX	1.376	2.171	2.361	2.259	2.733	1.742	2.500	2.387	2.276	2.316	1.949	2.540	3.220
CALC. COEF. VAR	.375	.406	.433	.432	.422	.340	.414	.397	.373	.362	.378	.485	.429
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.1671	1.2186	1.2341	1.2580	1.2700	1.2516	1.2937	1.3179	1.3267	1.3611	1.4175	1.6142	1.0000
RP10/A	1.2774	1.3693	1.3995	1.4367	1.4599	1.4272	1.4907	1.5362	1.5514	1.6035	1.6667	1.9185	1.5570
RP25/A	1.3427	1.4559	1.4946	1.5436	1.5723	1.5311	1.6131	1.6578	1.6729	1.7306	1.8278	1.2438	1.8397
RP50/A	1.3904	1.5188	1.5536	1.6217	1.6544	1.6070	1.6955	1.7355	1.7599	1.8207	1.9266	1.4063	2.0392
RP100/A	1.4371	1.5801	1.6309	1.6981	1.7367	1.6813	1.7755	1.8306	1.8440	1.9078	1.1026	1.5640	2.2303
RP1000/A	1.5876	1.7765	1.8465	1.9448	1.9938	1.9208	1.0303	1.1018	1.1099	1.1807	1.3275	2.0663	2.6254
RP10000/A	1.7338	1.9661	1.0546	1.1841	1.2454	1.1535	1.2748	1.3618	1.3632	1.4386	1.6138	2.5481	3.3833
PMP/A	1.14050	1.19073	1.20878	1.22834	1.24067	1.22217	1.25866	1.27598	1.28405	1.30744	1.34330	1.51379	1.72400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB Y02 7010 0	STATION NAME SAN JACINTO	ELEV 1535	SEC 22	TWP 04S	RNG LOT 01W	BM 5	LATITUDE 33+800	LONGITUDE 116+983	COUNTY CODE 33			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600 3650
2	1.04	2.12	2.39	2.50	2.64	2.79	3.07	3.33	3.78	4.16	4.87	6.47
5	2.50	3.26	3.70	3.90	4.11	4.33	4.73	5.09	5.75	6.26	7.21	9.72
10	3.07	4.02	4.38	4.65	5.10	5.37	5.81	6.24	7.02	7.58	8.70	11.86
20	3.62	4.74	5.41	5.75	6.05	6.36	6.83	7.32	8.20	8.80	10.06	13.86
25	3.80	4.96	5.67	6.03	6.33	6.68	7.14	7.65	8.57	9.18	10.48	14.48
40	4.16	5.43	6.21	6.62	6.97	7.33	7.80	8.35	9.75	10.35	11.57	16.81
50	4.32	5.64	6.46	6.90	7.26	7.63	8.10	8.67	9.68	10.31	11.73	15.60
100	4.84	6.31	7.24	7.75	8.15	8.56	9.04	9.67	10.73	11.41	12.97	18.21
200	5.35	6.96	7.99	8.58	9.03	9.48	9.95	10.63	11.79	12.47	14.16	20.00
1000	6.51	8.45	9.71	10.48	11.02	11.58	12.00	12.82	14.13	14.84	16.81	24.06
10000	8.13	10.51	12.10	13.14	13.82	14.50	14.85	15.05	17.36	18.08	20.44	29.46
PMP	15.56	20.75	23.95	25.34	26.63	27.93	30.16	32.11	36.17	38.63	43.44	59.81
MEAN	1.851	2.378	2.685	2.841	2.996	3.163	3.421	3.700	4.166	4.537	5.287	7.151
CLOCK HR. CDR.	1.140	1.070	1.080	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.755	1.099	1.633	1.743	1.595	1.444	1.436	1.637	1.371	1.390	1.099	.911
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.000	1.000	1.000	1.200
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200
KURTOSIS	3.022	4.517	7.769	7.777	6.903	6.091	6.226	7.552	5.486	5.820	4.313	3.531
RECORD YEAR	1927	1927	1927	1927	1927	1927	1922	1922	1922	1922	1922	1922
RECORD MAXIMUM	3.350	5.600	7.970	8.520	0.750	8.940	9.230	11.360	12.670	13.300	17.360	25.170
NORMALIZED MAX	2.085	3.205	4.300	4.320	4.144	3.988	3.711	4.361	3.762	3.672	3.330	3.155
CALC. COEF. VAR	.494	.423	.458	.463	.464	.458	.457	.467	.473	.463	.454	.458
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491
MEAN/A	1.174	1.094	1.213	1.2263	1.2386	1.2519	1.2725	1.2947	1.3314	1.3614	1.4212	1.5696
RP10/A	1.247	1.3201	1.3850	1.3859	1.4084	1.4277	1.4629	1.4909	1.5593	1.6040	1.6927	1.9444
RP25/A	1.3023	1.3931	1.4519	1.4804	1.5056	1.5317	1.5689	1.6096	1.6826	1.7312	1.8350	1.1534
RP50/A	1.3444	1.4495	1.5149	1.5405	1.5782	1.6077	1.6454	1.6899	1.7708	1.8216	1.9361	1.3040
RP100/A	1.3836	1.5027	1.5764	1.6171	1.6492	1.6822	1.7197	1.7699	1.8501	1.9080	1.1035	1.4803
RP1000/A	1.5184	1.6729	1.7734	1.8349	1.8781	1.9220	1.9562	1.10211	1.1259	1.1817	1.3391	1.9161
RP10000/A	1.6474	1.8372	1.9638	2.0668	2.1604	2.2246	2.3023	2.3828	2.5014	2.6279	2.7689	3.3533
PMP/A	1.2397	1.6327	1.9075	2.0192	2.1212	2.2246	2.3253	2.4518	2.8014	3.0749	3.5580	4.7644

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB Y02 7011 0	STATION NAME SAN JACINTO RES	ELEV 1500	SEC 29	TWP 04S	RNG LOT 01W	BM 5	LATITUDE 33-792	LONGITUDE 116-997	COUNTY CODE 33			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600 3650
2	1.57	2.13	2.29	2.48	2.60	2.72	3.02	3.25	3.52	3.67	4.55	6.03
5	2.39	3.20	3.36	3.68	3.85	4.04	4.54	4.97	5.30	5.32	6.75	9.07
10	2.94	4.04	4.40	4.79	5.03	5.22	5.70	6.10	6.34	6.68	8.13	11.06
20	3.46	4.70	5.20	5.69	5.96	6.19	6.70	7.13	7.64	7.76	9.41	12.92
25	3.63	4.99	5.45	5.97	6.26	6.49	7.01	7.48	7.99	8.09	9.80	13.50
40	3.97	5.40	5.96	6.45	6.87	7.13	7.65	8.16	8.73	8.81	10.71	21.08
50	4.14	5.68	6.21	6.62	7.10	7.42	7.93	8.48	9.02	9.09	10.99	22.24
100	4.63	6.35	6.95	7.40	8.03	8.33	8.87	9.44	10.02	10.08	12.13	24.32
200	5.12	7.01	7.67	8.49	8.90	9.23	9.76	10.39	10.99	10.99	13.24	26.33
1000	6.23	8.30	9.32	10.37	10.87	11.26	11.70	12.53	13.17	13.09	15.72	30.81
10000	7.77	10.57	11.61	13.00	13.62	14.11	14.58	15.48	16.18	15.93	19.11	37.06
PMP	14.09	20.87	22.99	25.07	26.25	27.17	29.60	31.38	33.71	34.03	40.61	70.93
MEAN	1.770	2.392	2.577	2.810	2.933	3.077	3.358	3.615	3.877	3.999	4.944	6.660
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.104	.464	.303	.494	.403	.481	.595	.565	.641	.513	.984	1.287
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200
KURTOSIS	4.310	1.975	2.298	3.896	4.027	3.390	2.686	2.990	3.218	3.056	3.592	3.146
RECORD YEAR	1966	1966	1969	1974	1974	1974	1974	1966	1969	1969	1969	1969
RECORD MAXIMUM	3.150	3.800	4.040	4.210	4.430	4.490	4.710	4.990	5.350	5.350	6.180	7.250
NORMALIZED MAX	2.256	1.420	1.071	2.098	2.558	2.974	3.084	2.084	2.084	2.084	2.374	2.954
CALC. COEF. VAR	.411	.414	.420	.466	.460	.449	.479	.440	.431	.407	.485	.452
REGION. COEF. VAR	.494	.513	.520	.528	.526	.522	.521	.512	.513	.501	.481	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
MEAN/A	1.023	1.219	1.2303	1.2577	1.2708	1.2822	1.3076	1.3315	1.3556	1.3667	1.4534	1.6115
RP10/A	1.2598	1.3767	1.4034	1.4396	1.4612	1.4790	1.5230	1.5500	1.6001	1.6330	1.7450	1.9570
RP25/A	1.3329	1.4576	1.4994	1.5472	1.5739	1.5936	1.6268	1.6538	1.7033	1.7420	1.8397	2.0997
RP50/A	1.3793	1.5206	1.5691	1.6258	1.6562	1.6807	1.7293	1.7773	1.8270	1.8338	1.9077	2.1400
RP100/A	1.4246	1.5821	1.6370	1.7028	1.7368	1.7640	1.8132	1.8660	1.9185	1.9221	1.9870	2.2303
RP1000/A	1.7079	1.7792	1.8547	1.9509	1.9968	1.9936	1.0804	1.1487	1.2080	1.1992	1.4414	2.0371
RP10000/A	1.7129	1.9695	1.6449	1.1920	1.2489	1.2935	1.3307	1.4199	1.4837	1.4612	1.7523	2.5254
PMP/A	1.3651	1.9140	2.1081	2.2980	2.4074	2.4913	2.7144	2.8774	3.0913	3.1227	3.7243	5.1140

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Y02 T013 30	STATION NAME SAN JACINTO SOF	ELEV 1560	SEC 35	TWP 045	RNG LOT 01W 5	8WM 33.787	LATITUDE 116.958	LONGITUDE 33	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.60	2.11	2.24	2.37	2.54	2.62	2.89	3.16	3.49	3.77	4.46	5.82	10.76
5	2.43	3.24	3.48	3.69	3.95	4.07	4.44	4.83	5.31	5.66	6.64	8.75	15.16
10	3.00	3.99	4.31	4.58	4.91	5.05	5.46	5.92	6.49	6.86	8.01	10.67	17.89
20	3.93	4.76	5.09	5.44	5.82	5.98	6.41	6.95	7.58	7.97	9.28	12.47	20.37
25	3.70	4.93	5.34	5.70	6.11	6.26	6.71	7.27	7.91	8.31	9.65	13.03	21.14
40	4.05	5.39	5.84	6.26	6.71	6.89	7.32	7.93	8.68	9.01	10.45	14.19	22.70
50	4.21	5.61	6.08	6.52	6.99	7.17	7.61	8.24	8.94	9.33	10.82	14.73	23.43
100	4.72	6.27	6.81	7.33	7.84	8.05	8.49	9.18	9.93	10.32	11.95	16.38	25.62
200	5.22	6.92	7.52	8.12	8.69	8.92	9.34	10.10	10.89	11.28	13.04	18.00	27.74
1000	6.35	8.39	9.13	9.91	10.61	10.86	11.28	12.17	13.06	13.43	15.46	21.64	32.46
10000	7.92	10.44	11.38	12.43	13.30	13.63	13.95	15.05	16.03	16.36	18.82	26.69	36.87
PMP	15.17	20.61	22.53	23.96	25.63	26.26	28.33	30.49	33.41	34.96	39.99	53.61	83.18
MEAN	1.864	2.362	2.525	2.687	2.883	2.974	3.214	3.513	3.843	4.106	4.869	6.433	11.469
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.629	.943	.674	.643	.644	.793	.406	.325	.543	.589	.1035	1.245	1.268
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.200	.900
KURTOSIS	2.659	3.648	3.148	3.293	3.057	3.740	2.767	2.713	3.053	2.980	3.964	4.403	5.073
N	34	34	34	34	34	34	34	34	34	34	34	34	34
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1966	1966	1941	1941	1989	1941
RECORD MAXIMUM	2.670	4.770	4.970	5.070	5.260	5.900	6.090	6.240	6.900	7.840	10.610	14.030	24.630
NORMALIZED MAX	1.445	2.560	2.478	2.528	2.170	2.631	2.348	2.097	2.145	2.333	2.701	2.971	2.800
CALC. COEF. VAR	.332	.398	.391	.351	.380	.386	.381	.370	.371	.390	.437	.459	.409
REGN. COEF. VAR	.404	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1570	.2056	.2198	.2330	.2510	.2586	.2790	.3057	.3345	.3574	.4238	.5599	1.0000
RP10/A	.2607	.3473	.3752	.3989	.4274	.4394	.4751	.5156	.5645	.5973	.6970	.9285	1.5570
RP25/A	.3221	.4288	.4645	.4965	.5318	.5463	.5940	.6325	.6889	.7231	.8401	1.1339	1.8397
RP50/A	.3669	.4879	.5293	.5679	.6081	.6244	.6826	.7189	.7760	.8125	.9419	1.2620	2.0392
RP100/A	.4108	.5455	.5925	.6377	.6828	.7006	.7788	.8161	.8841	.8985	1.0398	1.4258	2.2303
RP1000/A	.5523	.7302	.7949	.8629	.9235	.9472	.9816	1.0595	1.1363	1.1806	1.3473	1.8837	2.8254
RP10000/A	.6897	.9686	.9904	1.0816	1.1574	1.1865	1.2144	1.3095	1.3957	1.4238	1.6300	2.3229	3.3833
PMP/A	1.3207	1.7937	1.9607	2.0858	2.2310	2.2854	2.4661	2.6539	2.9082	3.0429	3.4812	4.6638	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Z01 Z021 11	STATION NAME EL TORO-MOULTON RANCH	ELEV 375	SEC 34	TWP 06S	RNG 08W	LOT F	8WM S	LATITUDE 33.607	LONGITUDE 117.702	COUNTY CODE 30
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS										
RETURN PERIOD IN YEARS	10	20	30	40						
2	2.23	2.67	2.89	3.04	12.65					
5	3.41	4.13	4.54	4.77	18.10					
10	4.23	5.13	5.69	5.98	21.65					
20	5.03	6.10	6.81	7.15	25.47					
25	5.28	6.41	7.16	7.53	26.61					
40	5.81	7.04	7.90	8.31	28.98					
50	6.08	7.34	8.25	8.67	30.10					
100	6.83	8.26	9.32	9.80	33.53					
200	7.59	9.17	10.39	10.92	36.92					
1000	9.33	11.25	12.82	13.48	44.66					
10000	11.79	14.16	16.26	17.09	55.33					
PMP	21.48	26.55	29.62	31.35	101.77					
MEAN	2.354	3.043	3.343	3.514	14.057					
CLOCK NR. COR.	1.140	1.670	1.040	1.020	1.900					
CALCULATED SKEW	.781	1.378	1.275	.998	.903					
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500					
SKEW USED	1.600	1.500	1.600	1.600	1.500					
KURTOSIS	3.551	6.732	5.142	4.422	3.841					
N	93	93	93	93	94					
RECORD YEAR	1927	1943	1943	1943	1884					
RECORD MAXIMUM	5.300	8.450	8.680	8.680	32.650					
NORMALIZED MAX	2.500	3.987	3.385	3.315	3.268					
CALC. COEF. VAR	.430	.446	.472	.444	.403					
REGN. COEF. VAR	.494	.515	.528	.528	.416					
USED COEF. VAR	.494	.515	.528	.528	.416					
MEAN/A	1.017	2.165	2.378	2.500	1.0000					
RP10/A	.3010	.3651	.4047	.4254	1.2547					
RP25/A	.3756	.4557	.5095	.5355	1.0927					
RP50/A	.4312	.5223	.5869	.6169	2.1412					
RP100/A	.4858	.5878	.6633	.6972	2.3854					
RP1000/A	.6638	.8009	.9123	.9589	3.1771					
RP10000/A	.8385	1.0073	1.1568	1.2159	3.9508					
PMP/A	1.5280	1.8888	2.1215	2.2299	7.2400					

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO- BSN ORDER SU8	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
Z01 4647 1	LAQUA BEACH HARDWARE	30	23	075	09W	J	S	33-54.2	117-760	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS										
RETURN PERIOD IN YEARS	10	20	30	40	50	60	70	80	90	100
2	1.94	2.43	2.57	2.72	11.09					
5	2.95	3.76	4.03	4.26	15.86					
10	3.67	4.88	5.08	5.34	19.16					
20	4.36	5.56	5.80	6.05	22.32					
25	4.58	5.84	6.37	6.72	23.32					
40	5.04	6.42	7.03	7.41	25.41					
50	5.25	6.69	7.34	7.74	26.39					
100	5.92	7.53	8.20	8.75	29.46					
200	6.58	8.36	9.24	9.74	32.37					
1000	8.09	10.25	11.40	12.03	39.15					
10000	10.22	12.91	14.46	15.26	48.68					
PMF	16.62	24.20	26.52	27.98	89.22					
MEAN	2.214	2.774	2.973	3.137	12.323					
CLOCK HR. COR.	1.140	1.670	1.840	1.950	1.1006					
CALCULATED SKEW	.791	1.155	.897	.748	1.277					
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500					
SKEW USED	1.600	1.500	1.600	1.600	1.500					
KURTOSIS	3.313	5.016	3.676	3.303	4.081					
N	43	43	43	43	44					
RECORD YEAR	1927	1943	1943	1943	1941					
RECORD MAXIMUM	4.020	6.500	6.750	6.900	29.290					
NORMALIZED MAX	2.010	2.893	2.649	2.580	3.262					
CALC. COEF. VAR	.406	.466	.480	.465	.422					
REGN. COEF. VAR	.494	.515	.528	.528	.416					
USED COEF. VAR	.494	.515	.528	.528	.416					
MEAN/A	.1797	.2251	.2412	.2545	1.0000					
RP10/A	.2976	.3796	.4105	.4331	1.5547					
RP25/A	.3717	.4730	.5167	.5452	1.8927					
RP50/A	.4264	.5431	.5953	.6281	2.1412					
RP100/A	.4804	.6111	.6727	.7098	2.4854					
RP1000/A	.6564	.8317	.9253	.9763	3.1771					
RP10000/A	.8292	1.0473	1.1733	1.2380	3.9506					
PMF/A	1.5111	1.9638	2.1517	2.2704	7.2460					

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO- BSN ORDER SU8	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
Z01 4650 0	LAQUA BEACH	210	22	075	09W	H	S	33-55.1	117-808	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.85	2.19	2.46	2.54	2.63	2.74	2.95	3.19	3.55	3.92	4.79	6.43	10.39
5	2.92	3.34	3.89	3.99	4.10	4.25	4.56	4.87	5.43	5.91	7.10	9.60	14.72
10	3.50	4.21	4.84	4.80	5.12	5.27	5.83	5.97	6.66	7.20	8.58	11.60	17.50
20	4.17	5.00	5.79	5.98	6.10	6.25	6.84	7.07	7.82	8.39	9.90	13.44	20.08
25	4.38	5.26	6.09	6.30	6.40	6.55	6.98	7.32	8.18	8.78	10.31	14.01	20.69
40	4.81	5.78	6.72	6.95	7.05	7.19	7.62	7.99	8.92	9.44	11.17	15.18	21.28
50	5.02	6.02	7.02	7.25	7.35	7.49	7.93	8.30	9.27	9.68	11.56	15.72	23.31
100	5.66	6.76	7.93	8.20	8.28	8.41	8.87	9.25	10.33	10.97	12.77	17.37	25.66
200	6.28	7.52	8.84	9.13	9.20	9.31	9.79	10.17	11.36	12.02	13.93	18.97	27.94
1000	7.73	9.23	10.91	11.28	11.29	11.36	11.86	12.27	13.70	14.39	16.54	22.55	33.07
10000	9.76	11.62	13.83	14.30	14.23	14.23	14.79	15.14	16.93	17.65	20.11	27.45	40.13
PMF	17.79	21.78	25.37	26.22	26.74	27.41	29.25	30.72	34.33	36.67	42.74	58.51	81.33
MEAN	2.115	2.497	2.844	2.939	3.008	3.104	3.318	3.540	3.948	4.306	5.203	6.994	11.233
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.547	.833	.955	.936	.869	.806	.611	.501	.374	.509	.762	1.398	1.092
REGIONAL SKEW	1.600	1.500	1.500	1.600	1.600	1.600	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.500	1.600	1.500	1.600	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	2.538	3.468	3.823	3.468	3.254	3.096	2.744	2.339	2.181	2.458	2.704	5.470	4.190
N	22	22	22	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1956	1956	1956	1956	1969	1956	1969	1969	1969	1969	1969	1969	1958
RECORD MAXIMUM	3.500	4.080	4.220	4.258	4.260	4.380	4.770	4.830	5.670	5.860	10.520	17.050	23.270
NORMALIZED MAX	1.580	2.019	2.283	2.124	2.108	2.094	2.072	1.869	1.868	2.076	1.949	2.913	2.431
CALC. COEF. VAR	.439	.490	.520	.530	.513	.504	.502	.497	.505	.509	.519	.523	.441
REGN. COEF. VAR	.494	.515	.528	.528	.522	.522	.521	.512	.513	.501	.491	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.522	.522	.521	.512	.513	.501	.491	.491	.416
MEAN/A	.1083	.2222	.2532	.2617	.2678	.2764	.2954	.3151	.3514	.3834	.4632	.6226	1.0000
RP10/A	.3119	.3748	.4388	.4453	.4556	.4692	.5014	.5314	.5931	.6469	.7619	1.0324	1.5578
RP25/A	.4078	.4979	.5805	.5885	.5983	.6198	.6519	.6819	.7601	.8182	1.2471	1.8593	
RP50/A	.4469	.5362	.6247	.6457	.6543	.6687	.7057	.7380	.8249	.8798	1.0295	1.5998	2.0753
RP100/A	.5035	.6034	.7001	.7298	.7370	.7483	.7895	.8232	.9192	.9762	1.1388	1.5467	2.2840
RP1000/A	.6879	.8213	.9711	1.0037	1.0051	1.0114	1.0579	1.0919	1.2195	1.2610	1.4726	2.0676	2.9442
RP10000/A	.8690	1.0511	1.2314	1.2728	1.2797	1.2869	1.3171	1.3496	1.5675	1.5712	1.7602	2.4437	3.5729
PMF/A	1.5936	1.9391	2.2583	2.3342	2.3869	2.4402	2.6035	2.7350	3.0557	3.2643	3.8046	5.2093	7.2490

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
201 7731 20	SAN CLEMENTE POLICE	260	33	085	07W R	S	33.428	117.809	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	W YR
2	1.93	2.46	2.74	2.83	11.08
5	2.95	3.81	4.29	4.44	15.85
10	3.67	4.74	5.38	5.58	19.14
20	4.36	5.63	6.43	6.66	22.30
25	4.58	5.92	6.77	7.00	23.30
40	5.03	6.50	7.47	7.73	25.38
50	5.28	6.78	7.80	8.07	26.38
100	5.52	7.13	8.21	8.42	29.37
200	6.57	8.47	9.82	10.18	32.34
1000	8.08	10.38	12.12	12.54	39.12
10000	10.21	13.07	15.37	15.91	48.04
PMP	18.61	24.52	28.19	29.17	89.14
MEAN	2.213	2.610	3.160	3.270	12.312
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.000
CALCULATED SKEW	.750	1.437	1.049	1.011	1.123
REGIONAL SKEW	1.600	1.500	1.800	1.600	1.500
SKEW USED	1.600	1.500	1.800	1.600	1.500
KURTOSIS	3.456	6.404	3.954	3.636	3.974
N	35	35	35	35	37
RECORD YEAR	1943	1943	1943	1943	1941
RECORD MAXIMUM	4.400	7.400	7.530	7.620	27.010
NORMALIZED MAX	2.243	3.142	2.819	2.591	2.748
CALC. COEF. VAR	.441	.520	.528	.513	.434
REGIONAL COEF. VAR	.494	.515	.528	.528	.416
USED COEF. VAR	.494	.515	.528	.528	.416
MEAN/A	.1797	.2282	.2566	.2656	1.0000
RP10/A	.2977	.3849	.4367	.4520	1.9547
RP25/A	.3717	.4804	.5497	.5689	1.6927
RP50/A	.4265	.5506	.6333	.6556	2.1412
RP100/A	.4805	.6196	.7150	.7407	2.3854
RP1000/A	.6565	.8433	.9845	1.0188	3.1771
RP10000/A	.8294	1.0819	1.2483	1.2919	3.9508
PMP/A	1.5114	1.9912	2.2893	2.3692	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
201 7836 52	SAN JUAN CAPISTRANO-500+E	160	01	085	08W S	S	33.512	117.088	30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.08	2.59	2.79	3.02	3.24	3.43	3.86	3.97	4.49	4.89	5.92	7.90	12.89
5	3.16	4.00	4.36	4.73	5.05	5.32	5.88	6.07	6.87	7.38	8.76	11.79	18.25
10	3.95	4.98	5.48	5.94	6.30	6.60	6.99	7.44	8.43	8.99	10.50	14.25	21.71
20	4.69	5.92	6.55	7.11	7.50	7.82	8.24	8.73	9.83	10.48	12.22	16.51	24.91
25	4.93	6.21	6.89	7.46	7.88	8.20	8.64	9.13	10.34	10.94	12.73	17.21	25.91
40	5.42	6.83	7.60	8.25	8.67	9.00	9.45	9.96	11.28	11.17	13.79	18.65	28.40
50	5.65	7.12	7.84	8.61	9.05	9.38	9.83	10.35	11.72	12.34	14.28	19.32	28.92
100	6.37	8.01	8.97	9.74	10.19	10.52	11.00	11.53	13.08	13.69	15.76	21.35	31.83
200	7.08	8.89	10.00	10.85	11.32	11.65	12.14	12.69	14.37	15.00	17.20	23.31	34.68
1000	8.70	10.91	12.34	13.39	13.90	14.22	14.74	15.30	17.33	17.96	20.42	27.71	41.02
10000	11.00	13.73	15.65	16.98	17.52	17.82	18.35	18.91	21.42	22.03	24.82	33.73	49.79
PMP	20.04	25.75	29.70	31.14	32.92	34.32	38.28	38.32	43.42	45.77	52.76	71.88	100.86
MEAN	2.383	2.951	3.218	3.491	3.703	3.887	4.115	4.415	4.993	5.376	6.423	8.593	13.934
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.630	1.595	1.328	1.193	1.161	1.000	.909	.854	.613	.517	.480	1.584	.870
REGIONAL SKEW	1.800	1.500	1.800	1.600	1.500	1.400	1.200	1.200	1.000	1.000	1.000	1.000	1.100
SKEW USED	1.800	1.500	1.800	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	5.791	5.889	4.849	4.207	4.165	3.646	3.310	3.210	2.579	2.508	2.427	2.922	2.941
N	70	70	70	70	70	70	70	70	70	69	70	70	70
RECORD YEAR	1967	1956	1967	1987	1956	1927	1922	1922	1922	1922	1918	1989	1941
RECORD MAXIMUM	8.008	8.008	8.330	8.360	8.360	8.380	8.810	10.070	10.450	11.540	12.760	18.740	27.830
NORMALIZED MAX	2.937	3.191	3.022	2.810	2.480	2.512	2.797	2.475	2.599	2.402	2.790	2.687	2.687
CALC. COEF. VAR	.517	.538	.526	.493	.469	.485	.454	.458	.441	.441	.411	.423	.371
REGIONAL COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1710	.2118	.2309	.2505	.2658	.2769	.2953	.3188	.3584	.3858	.4609	.6167	1.0000
RP10/A	.2893	.3572	.3926	.4321	.4738	.5014	.5343	.5648	.6449	.6881	.8126	1.5578	
RP25/A	.3537	.4456	.4842	.5387	.5887	.6197	.6555	.7421	.7850	.9138	1.2352	1.8593	
RP50/A	.4058	.5110	.5598	.6183	.6492	.6729	.7056	.7429	.8412	.8853	1.0245	1.3804	2.0753
RP100/A	.4572	.5751	.6440	.6987	.7313	.7553	.7894	.8277	.9373	.9823	1.1310	1.5319	2.2640
RP1000/A	.6247	.7828	.8987	.9813	1.0771	1.0208	1.0578	1.1769	1.2435	1.2890	1.4855	1.9887	2.9442
RP10000/A	.7892	.9854	1.1232	1.2187	1.2972	1.2787	1.3178	1.3571	1.5372	1.5811	1.7818	2.4204	3.5729
PMP/A	1.4381	1.8479	2.0597	2.2349	2.3826	2.4630	2.6034	2.7501	3.1159	3.2849	3.7884	5.1588	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY
65N ORDER 508 201 8992 0	TRABUCO CANYON 133	970	15	065	07W	A	5	33.637	117.592	COO 30

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.59	3.33	3.49	3.69	3.89	4.15	4.55	4.91	5.32	5.82	6.89
5	3.95	5.15	5.47	5.79	6.07	6.44	7.02	7.51	8.14	8.78	10.26
10	4.91	6.41	6.87	7.26	7.58	7.99	8.67	9.21	9.98	10.68	12.29
20	5.83	7.82	8.22	8.69	9.02	9.47	10.23	10.60	11.71	12.45	14.22
25	6.13	8.00	8.44	8.94	9.48	9.93	10.72	11.29	12.25	13.00	14.82
40	6.74	8.80	9.34	10.08	10.43	10.90	11.73	12.32	13.36	13.87	16.04
50	7.03	9.17	9.66	10.53	10.88	11.35	12.21	12.80	13.88	14.67	16.61
100	7.92	10.32	11.25	12.20	12.74	13.24	14.06	14.76	15.47	16.27	18.34
200	8.80	11.43	12.54	13.25	13.61	14.11	15.06	15.69	17.02	17.84	20.02
1000	10.82	14.05	15.48	16.36	16.71	17.22	18.30	18.92	20.52	21.33	23.77
10000	13.67	17.84	19.63	20.75	21.07	21.56	22.78	23.36	25.37	26.14	28.69
PMP	24.96	33.16	35.99	38.05	39.59	41.56	45.04	47.38	51.42	54.42	61.40
MEAN	2.961	3.801	4.035	4.286	4.494	4.766	5.109	5.459	5.913	6.391	7.475
CLOCK HR. COR.	1.470	1.874	1.911	1.952	1.982	1.989	1.988	1.985	1.982	1.980	1.980
CALCULATED SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000
USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000
KURTOSIS	5.002	7.630	6.136	5.589	5.178	4.960	3.635	3.966	3.174	2.743	2.321
N	33	33	33	33	33	33	33	33	33	33	33
RECORD YEAR	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
RECORD MAXIMUM	7.010	10.630	11.290	11.290	11.510	12.220	12.220	13.222	13.220	13.890	21.660
NORMALIZED MAX	2.530	3.119	2.984	2.893	2.803	2.671	2.644	2.797	2.552	2.441	1.921
CALC. COEF. VAR	.540	.393	.603	.577	.565	.556	.526	.508	.484	.461	.492
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491
MEAN/A	.1018	.2334	.2478	.2619	.2735	.2896	.3137	.3352	.3631	.3924	.4589
RP10/A	.3012	.3936	.4216	.4457	.4653	.4906	.5326	.5652	.6128	.6560	.7548
RP25/A	.3761	.4913	.5307	.5611	.5821	.6099	.6583	.6934	.7519	.7905	.9099
RP50/A	.4497	.5631	.6115	.6488	.6871	.7194	.7496	.7850	.8523	.9005	1.0201
RP100/A	.4861	.6337	.6910	.7305	.7525	.7824	.8386	.8757	.9497	.9992	1.1282
RP1000/A	.6642	.8624	.9504	1.0046	1.0263	1.0575	1.1237	1.1615	1.2599	1.3111	1.4592
RP10000/A	.8391	1.0859	1.2051	1.2741	1.2937	1.3246	1.3990	1.4356	1.5575	1.6092	1.7739
PMP/A	1.9291	2.0363	2.2101	2.3365	2.4311	2.5516	2.7655	2.9093	3.1570	3.3412	3.7762

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.	STATION NAME	ELEV	SEC	TWP	RNG	LOT	8MM	LATITUDE	LONGITUDE	COUNTY
65N ORDER 508 201 8992 1	TRABUCO CANYON	1250			5			33.658	117.570	COO 30

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS M-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	2.62	3.40	3.64	4.03	4.31	4.63	5.03	5.31	5.71	6.03	6.81
5	4.00	5.26	5.70	6.32	6.52	6.84	7.44	7.64	8.04	8.36	9.36
10	4.97	6.53	7.15	7.92	8.17	8.49	9.09	9.29	9.69	10.09	11.29
20	5.91	7.76	8.36	9.48	9.68	9.90	10.72	10.92	11.32	11.72	13.02
40	6.20	8.17	9.00	9.97	10.07	10.29	11.11	11.31	11.71	12.11	13.61
50	6.62	8.99	9.93	11.00	11.07	11.29	12.11	12.31	12.71	13.11	14.81
100	7.12	9.37	10.37	11.49	11.49	11.79	12.61	12.81	13.21	13.61	15.61
200	8.01	11.70	13.06	14.47	14.47	14.79	15.61	15.81	16.21	16.61	18.81
1000	10.46	14.35	16.12	17.86	17.86	18.16	19.09	19.29	19.69	20.09	22.49
10000	13.64	18.07	20.44	22.65	22.65	23.09	24.11	24.31	24.71	25.11	27.81
PMP	25.22	33.88	37.49	41.54	41.54	42.11	44.11	44.31	44.71	45.11	50.11
MEAN	2.999	3.683	4.203	4.656	4.956	5.256	5.709	6.009	6.452	6.852	7.852
CLOCK HR. COR.	1.140	1.076	1.040	1.020	1.000	0.980	0.940	0.920	0.880	0.860	0.820
CALCULATED SKEW	1.526	1.787	1.482	1.775	1.745	1.715	1.675	1.655	1.615	1.595	1.555
REGIONAL SKEW	1.600	1.300	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600
USED	1.600	1.300	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600
KURTOSIS	6.166	6.884	4.897	6.681	3.233						
N	40	40	40	41	41						
RECORD YEAR	1943	1943	1943	1927	1941						
RECORD MAXIMUM	7.300	10.500	10.050	15.200	35.700						
NORMALIZED MAX	2.613	2.997	2.896	3.534	2.532						
CALC. COEF. VAR	.810	.569	.597	.641	.363						
REGION. COEF. VAR	.494	.515	.528	.528	.416						
USED COEF. VAR	.494	.515	.528	.528	.416						
MEAN/A	.1655	.2143	.2320	.2570	1.0000						
RP10/A	.2742	.3615	.3946	.4373	1.5947						
RP25/A	.3424	.4512	.4946	.5505	1.9027						
RP50/A	.4128	.5171	.5725	.6342	2.1432						
RP100/A	.4423	.5819	.6476	.7168	2.3854						
RP1000/A	.6047	.7920	.8899	.9856	3.1771						
RP10000/A	.8139	.9972	1.1284	1.2501	3.9960						
PMP/A	1.3920	1.8699	2.0693	2.2923	7.2400						

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO.				STATION NAME	ELEV	SEC	TWP	RND LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE	
BSN	ORDER	SUB											
202	235	0		ANZA	162	3915	16	075	03E 0	5	33.556	116.675	33
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.87	2.19	2.40	2.50	2.67	2.84	3.05	3.27	3.55	3.82	4.62	5.85	10.88
5	2.85	3.39	3.77	3.91	4.17	4.41	4.71	4.99	5.43	5.77	6.84	8.72	15.40
10	3.54	4.22	4.73	4.91	5.20	5.47	5.82	6.12	6.66	7.02	8.25	10.54	18.31
20	4.21	5.02	5.65	5.87	6.20	6.48	6.86	7.18	7.81	8.19	9.55	12.22	21.01
25	4.52	5.27	5.95	6.18	6.51	6.80	7.19	7.51	8.15	8.55	9.95	12.74	21.85
40	4.86	5.80	6.56	6.81	7.17	7.48	7.87	8.20	8.92	9.27	10.77	13.80	22.27
50	5.07	6.04	6.85	7.12	7.47	7.77	8.19	8.51	9.26	9.64	11.15	14.30	24.39
100	5.71	6.80	7.74	8.04	8.42	8.72	9.12	9.32	10.32	10.70	12.31	15.80	28.89
200	6.35	7.55	8.63	8.96	9.35	9.66	10.12	10.44	11.36	11.72	13.44	17.25	29.24
1000	7.80	9.25	10.65	11.06	11.48	11.79	12.26	12.58	13.70	14.04	15.99	20.51	34.61
10000	9.86	11.65	13.51	14.02	14.47	14.77	15.29	15.55	16.93	17.22	19.39	24.86	42.00
PHP	17.97	21.85	24.77	25.72	27.20	28.45	30.22	31.52	34.32	35.77	41.21	53.19	85.10
MEAN	2.136	2.504	2.777	2.883	3.059	3.222	3.428	3.631	3.947	4.200	5.017	6.359	11.754
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.822	1.116	1.086	1.082	1.080	1.100	1.120	1.100	1.094	1.068	1.062	1.070	1.030
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.100	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000

KURTOSIS	8.036	3.686	3.318	4.141	4.511	4.029	3.944	4.769	4.530	3.763	3.828	3.645	2.988
N	23	23	23	22	22	22	22	22	22	22	22	22	22
RECORD YEAR	1967	1968	1967	1967	1967	1967	1968	1968	1968	1968	1968	1968	1968
RECORD MAXIMUM	5.000	5.100	5.030	6.730	7.290	7.290	7.380	8.380	8.740	8.740	10.330	12.830	21.950
NORMALIZED MAX	2.718	2.094	2.049	2.504	2.694	2.588	2.310	2.685	2.328	2.328	2.330	2.267	2.017
CALC. COEF. VAR	.493	.495	.537	.533	.513	.488	.499	.487	.499	.464	.497	.449	.430
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.461	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.461	.491	.416
MEAN/A	.1817	.2131	.2362	.2453	.2603	.2741	.2916	.3089	.3358	.3574	.4268	.5410	1.0000
RP10/A	.3011	.3593	.4026	.4174	.4428	.4654	.4951	.5210	.5667	.5974	.7020	.8970	1.5578
RP25/A	.4405	.5405	.6060	.6255	.6541	.6786	.7119	.7392	.8054	.8472	.8462	1.0835	1.8593
RP50/A	.6313	.8141	.9830	1.053	1.1359	1.2013	1.2744	1.3452	1.5011	1.5487	1.6487	1.9102	2.9753
RP100/A	.8785	1.1785	1.4808	1.6841	1.9162	2.1623	2.4119	2.6651	3.0000	3.1000	3.4000	3.9000	4.9000
RP1000/A	.6640	.7873	.9062	.9410	.9768	1.0033	1.0445	1.0706	1.1652	1.1941	1.3570	1.7445	2.9442
RP10000/A	.8388	.9913	1.1491	1.1932	1.2313	1.2568	1.3004	1.3233	1.4404	1.4647	1.6498	2.1329	3.5729
PHP/A	1.5265	1.6589	2.1073	2.1881	2.3139	2.4207	2.5706	2.6816	2.9196	3.0429	3.5063	4.9252	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RND LOT	BWN	LATITUDE	LONGITUDE	COUNTY CODE				
202 6042 0	MURRIETA 5 C F	1131	17	075	03W	5	33.563	117.223	33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.48	2.97	3.15	3.32	3.43	3.50	3.82	4.16	4.45	4.71	5.78	7.35	11.34
5	3.77	4.57	4.90	5.17	5.33	5.43	5.87	6.35	6.78	7.08	8.57	11.06	15.94
10	4.64	5.63	6.06	6.43	6.63	6.73	7.22	7.78	8.27	8.58	10.33	13.48	18.81
20	5.47	6.64	7.16	7.62	7.86	7.98	8.48	9.13	9.66	9.96	11.95	15.76	21.42
25	5.73	6.96	7.50	8.00	8.25	8.37	8.87	9.55	10.09	10.39	12.45	16.47	22.22
40	6.27	7.61	8.21	8.78	9.05	9.19	9.68	10.42	10.31	11.27	13.48	17.93	23.87
50	6.53	7.91	8.55	9.15	9.43	9.57	10.05	10.82	11.40	11.67	13.96	18.62	24.63
100	7.31	8.85	9.57	10.28	10.59	10.74	11.22	12.06	12.66	12.91	15.41	20.71	26.94
200	8.00	9.77	10.57	11.38	11.73	11.89	12.35	13.27	13.89	14.11	16.82	22.75	29.17
1000	9.93	11.84	12.83	13.90	14.32	14.52	14.91	16.00	16.65	16.79	19.96	27.35	34.13
10000	12.27	14.74	15.99	17.43	17.85	18.19	18.44	19.77	20.45	20.46	24.27	33.73	40.87
PHP	23.50	29.09	31.66	33.61	34.60	35.03	37.45	40.07	42.61	43.72	51.58	68.02	87.46
MEAN	2.794	3.335	3.549	3.768	3.892	3.967	4.249	4.617	4.901	5.135	6.279	8.132	12.080
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.537	1.612	2.007	1.680	1.808	1.821	1.576	1.326	1.125	1.028	2.431	2.207	1.503
REGIONAL SKEW	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.000	.900
SKEW USED	1.400	1.300	1.300	1.400	1.400	1.400	1.200	1.200	1.100	1.000	1.000	1.000	.900
KURTOSIS	5.266	6.349	7.084	6.242	7.072	7.277	6.557	5.730	4.941	4.756	10.554	9.622	5.737
N	20	20	20	20	20	20	20	20	20	20	20	20	20
RECORD YEAR	1970	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	6.300	8.400	10.010	10.010	10.530	10.610	11.180	11.645	11.690	11.780	20.870	29.790	28.400
NORMALIZED MAX	2.001	2.645	3.010	2.886	3.038	3.063	3.035	2.909	2.762	2.695	3.907	4.900	2.900
CALC. COEF. VAR	.627	.574	.605	.578	.562	.567	.538	.523	.502	.480	.666	.639	.494
REGION. COEF. VAR	.494	.515	.520	.528	.526	.522	.521	.512	.513	.501	.481	.491	.418
USED COEF. VAR	.494	.515	.520	.528	.526	.522	.521	.512	.513	.501	.481	.491	.418
MEAN/A	.2313	.2760	.2938	.3119	.3221	.3284	.3517	.3822	.4057	.4250	.5198	.6731	1.0000
RP10/A	.3840	.4664	.5015	.5320	.5486	.5575	.5973	.6444	.6848	.7105	.8549	1.1182	1.9570
RP25/A	.5744	.7158	.7620	.8023	.8267	.8403	.9000	.9577	1.0000	1.0200	1.3065	1.6331	2.6300
RP50/A	.5405	.6551	.7074	.7575	.7866	.7921	.8320	.8860	.9437	.9664	1.1553	1.5412	2.0392
RP100/A	.6051	.7325	.7919	.8507	.8765	.8891	.9288	.9984	1.0481	1.0687	1.2755	1.7141	2.2303
RP1000/A	.8135	.9805	1.0629	1.1510	1.1855	1.2017	1.2340	1.3243	1.3784	1.3899	1.6526	2.2645	2.8254
RP10000/A	1.0159	1.2200	1.3238	1.4280	1.4787	1.5007	1.5267	1.6000	1.6930	1.7435	2.1635	3.1833	3.9000
PHP/A	1.9453	2.4085	2.6206	2.7822	2.8639	2.8996	3.1002	3.3172	3.5277	3.6192	4.2760	5.6300	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Z02 6657 0		STATION NAME PALOMAR MTH 085		ELEV 187	SEC 5560	TWP 27	RNG LOT 01E	BWM 5	LATITUDE 33.390	LONGITUDE 116.850	COUNTY CODE 90
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS											
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300
2	4.23	5.37	5.93	6.12	6.48	6.69	7.41	7.90	8.50	9.12	10.56
3	6.44	8.31	9.29	9.59	10.11	10.68	11.44	12.08	13.00	13.77	15.45
10	8.00	10.34	11.65	12.03	12.62	13.25	14.13	14.81	15.95	16.76	18.95
20	9.52	12.29	13.94	14.40	15.03	15.71	16.67	17.37	18.71	19.54	21.82
30	10.00	12.91	14.67	15.15	15.79	16.46	17.46	18.17	19.57	20.41	22.73
40	11.00	14.19	16.16	16.71	17.38	18.08	19.11	19.82	21.35	20.63	24.61
50	11.47	14.79	16.90	17.45	18.12	18.83	19.88	20.59	22.12	21.01	25.99
100	12.92	16.65	19.10	19.72	20.41	21.14	22.24	22.94	24.72	25.53	28.14
200	14.36	18.48	21.27	21.97	22.67	23.41	24.56	25.24	27.90	27.99	32.94
PMP	17.65	22.66	26.27	27.13	27.84	28.57	29.81	30.43	32.79	33.51	36.45
10000	22.30	28.53	33.31	34.40	35.10	35.79	37.11	37.61	40.54	41.40	44.32
10000	40.64	53.50	61.08	63.08	65.95	68.94	73.36	76.23	82.17	85.38	94.20
MEAN	4.032	6.132	6.848	7.072	7.416	7.807	8.322	8.782	9.450	10.028	11.467
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000
CLOCKED SKEW	1.782	1.390	1.042	1.040	1.043	1.039	1.420	1.285	1.362	1.286	1.334
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000
KURTOSIS	6.738	4.393	5.985	6.614	7.525	8.416	9.410	10.388	11.467	12.529	14.568
RECORD YEAR	1965	1967	1967	1967	1967	1967	1967	1967	1969	1969	1969
RECORD MAXIMUM	12.270	13.900	19.250	21.700	23.730	25.730	27.720	29.720	31.720	33.720	35.960
NORMALIZED MAX	2.903	2.319	3.129	3.365	3.626	3.865	4.189	4.497	4.803	5.109	5.414
CALC. COEF. VAR	.530	.546	.579	.588	.606	.609	.580	.585	.578	.531	.580
REGN. COEF. VAR	.494	.515	.526	.528	.526	.522	.521	.512	.513	.501	.491
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.491
MEAN/A	.1832	.2325	.2596	.2692	.2813	.2960	.3156	.3330	.3583	.3802	.4348
RP10/A	.3035	.3921	.4418	.4563	.4786	.5026	.5387	.5615	.6047	.6356	.7191
RP25/A	.3790	.4894	.5562	.5744	.5988	.6248	.6622	.6889	.7421	.7737	.8941
RP50/A	.4348	.5810	.6617	.6872	.7141	.7540	.7888	.8411	.8726	.9064	1.0493
RP100/A	.4899	.6313	.7241	.7474	.7740	.8016	.8435	.8699	.9372	.9682	1.0669
RP1000/A	.6894	.8591	.9950	1.0286	1.0596	1.0934	1.1539	1.2034	1.2705	1.3824	1.5355
RP10000/A	.8436	1.0818	1.2629	1.3043	1.3307	1.3571	1.4072	1.4263	1.5371	1.5584	1.6806
PMP/A	1.5410	2.0285	2.3160	2.3920	2.5007	2.6140	2.7816	2.8903	3.1156	3.2376	3.5719

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB Z02 6759 66	STATION NAME PAUBA RANCH	ELEV 1060	SEC 16	TWP 08S	RNG LOT 02W	BWM 5	LATITUDE 33.430	LONGITUDE 117.063	COUNTY CODE 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.20	2.69	2.78	2.92	3.12	3.34	3.58	3.87	4.26	4.50	5.46	7.26	11.32
3	3.36	4.16	4.36	4.58	4.86	5.18	5.52	5.91	6.51	6.76	8.08	10.63	16.03
10	4.17	5.18	5.47	5.74	6.07	6.43	6.82	7.25	7.99	8.26	9.78	12.69	19.35
20	4.96	6.18	6.55	6.87	7.23	7.62	8.05	8.50	9.37	9.63	11.27	15.17	21.87
25	5.21	6.46	6.89	7.23	7.60	7.99	8.43	8.89	9.80	10.06	11.74	15.81	22.75
40	5.73	7.10	7.60	7.98	8.36	8.77	9.23	9.70	10.69	10.27	12.71	17.14	25.17
50	5.98	7.41	7.94	8.33	8.72	9.13	9.60	10.08	11.11	11.34	13.18	17.75	26.17
100	6.73	8.33	8.97	9.41	9.82	10.25	10.74	11.23	12.38	12.58	14.53	19.61	27.94
200	7.48	9.25	9.99	10.49	10.91	11.35	11.86	12.34	13.62	13.79	15.86	21.42	30.43
PMP	9.20	11.34	12.34	12.95	13.39	13.86	14.39	14.90	16.42	16.51	18.83	25.46	36.92
10000	11.62	14.28	15.84	16.42	16.88	17.36	17.92	18.42	20.30	20.26	23.19	30.49	43.71
1000	21.16	26.78	28.68	30.11	31.72	33.43	35.42	37.32	41.14	42.08	48.65	66.04	86.57
MEAN	2.518	3.070	3.216	3.375	3.568	3.786	4.018	4.299	4.732	4.942	5.923	7.895	12.233
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CLOCKED SKEW	1.791	.758	.559	.449	.335	.396	.514	.620	.494	.313	.329	.182	.794
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
KURTOSIS	5.773	3.364	2.974	2.875	2.862	3.367	2.966	3.589	3.399	3.294	3.303	4.073	3.899
RECORD YEAR	1963	1963	1963	1972	1969	1972	1969	1966	1969	1969	1966	1969	1958
RECORD MAXIMUM	5.200	5.200	5.200	5.200	5.740	6.020	7.230	7.830	8.760	8.760	10.480	19.260	23.600
NORMALIZED MAX	2.024	1.728	1.629	1.568	1.670	2.110	1.890	2.094	2.000	1.968	1.916	2.420	2.160
CALC. COEF. VAR	.526	.401	.379	.362	.365	.380	.423	.400	.409	.393	.402	.505	.425
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2059	.2509	.2629	.2759	.2917	.3095	.3285	.3515	.3868	.4040	.4841	.6454	1.000
RP10/A	.3410	.4232	.4473	.4696	.4982	.5255	.5577	.5927	.6528	.6754	.7943	1.0702	1.5578
RP25/A	.4258	.5283	.5631	.5911	.6209	.6533	.6893	.7271	.8010	.8254	.9519	1.2827	1.8593
RP50/A	.4898	.6155	.6617	.6968	.7323	.7687	.8061	.8445	.9272	.9578	1.0761	1.4510	2.0753
RP100/A	.5564	.6913	.7331	.7696	.8026	.8361	.8700	.9042	1.0117	1.0287	1.1880	1.6032	2.2400
RP1000/A	.7520	.9273	1.0083	1.0585	1.0946	1.1327	1.1706	1.2179	1.3422	1.3499	1.3393	2.0813	2.9442
RP10000/A	.9500	1.1676	1.2766	1.3422	1.3798	1.4190	1.4648	1.5054	1.6591	1.6558	1.8714	2.5331	3.5729
PMP/A	1.7312	2.1894	2.3448	2.4814	2.5929	2.7331	2.8956	3.0507	3.3631	3.4973	5.3788	7.2400	10.610

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 202 8840 1	STATION NAME TEMECULA SOF	ELEV 1020	SEC 12	TWP 085	RNG LOT 03W 5	8MM 33.497	LATITUDE 117.149	LONGITUDE 33	COUNTY COO				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.36	3.18	3.45	3.69	4.01	4.22	4.52	4.88	5.32	5.62	6.73	9.06	13.36
5	3.60	4.91	5.40	5.79	6.25	6.54	6.98	7.45	8.13	8.49	9.97	13.52	16.91
10	4.48	6.12	6.78	7.26	7.80	8.12	8.62	9.14	9.97	10.33	12.02	16.34	22.49
20	5.32	7.27	8.11	8.69	9.29	9.62	10.16	10.72	11.70	12.04	13.91	18.93	25.81
25	5.59	7.63	8.53	9.14	9.76	10.09	10.65	11.21	12.24	12.57	14.49	19.73	26.84
40	6.15	8.39	9.41	10.08	10.74	11.07	11.66	12.23	13.35	12.83	15.69	21.38	27.34
50	6.41	8.75	9.83	10.53	11.20	11.53	12.13	12.71	13.87	14.10	16.24	22.15	29.96
100	7.23	9.84	11.11	11.90	12.62	12.95	13.57	14.16	15.46	15.73	17.93	24.47	32.97
200	8.03	10.93	12.37	13.26	14.02	14.34	14.98	15.58	17.01	17.25	19.57	26.73	35.90
1000	9.87	13.40	15.27	16.37	17.21	17.50	18.18	18.78	20.51	20.64	23.24	31.77	42.50
10000	12.47	16.87	19.37	20.75	21.69	21.92	22.63	23.21	25.35	25.32	28.25	36.67	51.57
PHP	22.73	31.63	35.52	38.06	40.76	42.22	44.74	47.04	51.39	52.61	60.04	82.41	104.51
MEAN	2.703	3.626	3.982	4.267	4.585	4.782	5.075	5.419	5.911	6.178	7.308	9.852	14.435
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.719	.632	.595	.567	.540	.520	.507	.436	.626	.521	.681	2.050	1.377
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.500	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	3.052	3.139	4.036	3.007	3.185	3.059	3.157	3.311	4.439	4.047	4.787	9.162	5.358
N	19	19	19	19	19	19	19	19	19	19	19	19	20
RECORD YEAR	1966	1970	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969	1969
RECORD MAXIMUM	4.440	6.030	6.520	6.570	6.910	6.980	10.430	10.630	13.040	13.250	15.920	28.560	33.350
NORMALIZED MAX	1.461	1.802	2.305	2.101	2.084	2.059	2.237	2.244	2.583	2.487	2.600	3.301	2.818
CALC. COEF. VAR	.440	.491	.494	.480	.462	.467	.472	.445	.467	.460	.445	.575	.465
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1873	.2512	.2759	.2956	.3177	.3313	.3516	.3755	.4095	.4280	.5063	.6825	1.0000
RP10/A	.3192	.4236	.4695	.5030	.5405	.5624	.5969	.6331	.6911	.7156	.8328	1.1317	1.5578
RP25/A	.3812	.5288	.5702	.6032	.6405	.6624	.6969	.7331	.7940	.8180	1.0038	1.3870	1.8593
RP50/A	.4440	.6060	.6606	.7294	.7761	.7991	.8401	.8803	.9612	.9831	1.1254	1.5344	2.0753
RP100/A	.5007	.6820	.7694	.8244	.8742	.8969	.9398	.9809	1.0710	1.0899	1.2424	1.6954	2.2840
RP1000/A	.6841	.7282	1.0592	1.1139	1.1722	1.2123	1.2594	1.3010	1.4209	1.4302	1.6098	2.2009	2.9442
RP10000/A	.8642	1.1687	1.3119	1.4378	1.5028	1.5186	1.5679	1.6081	1.7505	1.7543	1.9571	2.6787	3.5729
PHP/A	1.5749	2.1915	2.4608	2.6307	2.8241	2.9250	3.0994	3.2589	3.5604	3.6447	4.1594	5.7091	7.2400

PRECIPITATION DEPTH=DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 202 9675 75	STATION NAME WILDOMAR	ELEV 193	SEC 1260	TWP	RNG LOT 33.603 117.275	8MM	LATITUDE	LONGITUDE	COUNTY COO 33				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.52	3.10	3.39	3.59	3.75	3.96	4.14	4.48	4.86	5.26	6.12	8.13	12.37
5	3.84	4.79	5.31	5.63	5.86	6.14	6.40	6.85	7.43	7.93	9.07	12.13	17.27
10	4.78	5.96	6.66	7.06	7.31	7.62	7.90	8.40	9.12	9.66	10.93	14.66	20.66
20	5.68	7.09	7.97	8.45	8.71	9.04	9.32	9.85	10.70	11.26	12.84	16.99	23.71
25	5.96	7.44	8.39	8.89	9.15	9.48	9.76	10.31	11.19	11.76	13.17	17.71	24.66
40	6.56	8.18	9.26	9.80	10.07	10.40	10.68	11.24	12.21	12.00	14.26	19.18	25.52
50	6.84	8.53	9.66	10.24	10.50	10.83	11.12	11.68	12.68	13.26	14.77	19.67	27.12
100	7.71	9.60	10.92	11.57	11.82	12.16	12.43	13.02	14.13	14.71	16.30	21.96	30.29
200	8.56	10.66	12.17	12.89	13.13	13.47	13.73	14.32	15.55	16.12	17.70	23.98	32.98
1000	10.53	13.07	15.02	15.91	16.13	16.44	16.66	17.26	18.75	19.30	21.13	28.51	39.04
10000	13.30	16.45	19.05	20.18	20.33	20.59	20.75	21.34	23.18	23.68	25.68	34.69	47.38
PHP	24.24	30.86	34.93	37.00	38.20	39.66	41.01	43.24	46.98	49.19	54.58	73.94	96.01
MEAN	2.883	3.537	3.916	4.146	4.297	4.491	4.652	4.982	5.404	5.777	6.644	8.840	13.261
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.557	1.285	1.103	1.036	1.000	0.982	0.962	0.982	1.026	1.027	0.867	0.369	0.618
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	5.924	4.575	5.026	4.272	4.176	3.857	3.562	3.488	3.712	3.660	3.719	4.936	3.398
N	60	60	60	60	60	60	60	60	60	60	60	60	60
RECORD YEAR	1943	1943	1938	1938	1938	1938	1922	1922	1916	1916	1916	1969	1969
RECORD MAXIMUM	6.900	8.650	11.040	11.400	11.040	11.040	11.460	12.850	14.240	15.090	17.750	26.690	30.630
NORMALIZED MAX	2.613	2.622	2.964	2.775	2.696	2.480	2.513	2.748	2.788	2.691	2.926	3.441	2.690
CALC. COEF. VAR	.533	.551	.614	.599	.582	.586	.582	.575	.586	.558	.571	.587	.470
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.2174	.2687	.2953	.3126	.3240	.3387	.3508	.3757	.4075	.4356	.5010	.6666	1.0000
RP10/A	.3501	.4498	.5025	.5323	.5513	.5750	.5956	.6335	.6877	.7203	.8241	1.1053	1.5578
RP25/A	.4496	.5414	.6026	.6300	.6598	.6748	.7061	.7772	.8438	.8865	.9933	1.3351	1.8593
RP50/A	.5159	.6434	.7287	.7719	.7916	.8170	.8368	.8809	.9564	.9958	1.1137	1.4886	2.0753
RP100/A	.5812	.7241	.8236	.8723	.8917	.9170	.9377	.9815	1.0588	1.1093	1.2295	1.5558	2.2416
RP1000/A	.7941	.9855	1.1327	1.1990	1.2161	1.2394	1.2585	1.3018	1.4139	1.4556	1.5930	2.1495	2.9442
RP10000/A	1.0032	1.2408	1.4344	1.5214	1.5330	1.5526	1.5644	1.6091	1.7479	1.7855	1.9366	2.6162	3.5729
PHP/A	1.8281	2.3268	2.6341	2.7901	2.8808	2.9904	3.0924	3.2609	3.5429	3.7094	4.1160	5.5759	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DENOMINABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
203 2958 0	FALLBROOK	660	25	0VS	04W	K	5	33.365	117.249	90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.14	2.76	2.96	3.09	3.23	3.42	3.70	4.02	4.47	4.95	6.00	8.24	13.48
5	3.26	4.26	4.64	4.84	5.03	5.30	5.72	6.15	6.83	7.46	8.89	12.30	19.08
10	4.05	5.31	5.82	6.08	6.28	6.58	7.06	7.54	8.38	9.06	10.72	14.86	22.46
20	4.81	6.31	6.97	7.27	7.48	7.79	8.33	8.84	9.83	10.59	12.40	17.22	26.05
25	5.06	6.62	7.33	7.65	7.86	8.16	8.73	9.25	10.29	11.06	12.92	17.95	27.08
40	5.86	7.28	8.09	8.44	8.65	8.97	9.55	10.09	11.22	11.99	13.99	19.45	27.60
50	5.80	7.59	8.44	8.81	9.02	9.35	9.94	10.48	11.66	12.47	14.49	20.15	30.23
100	6.86	8.54	9.54	9.96	10.16	10.49	11.12	11.84	12.99	13.84	16.00	22.26	33.27
200	7.26	9.48	10.63	11.09	11.28	11.62	12.27	12.85	14.30	15.17	17.46	24.31	36.23
1000	8.93	11.02	13.13	13.70	13.85	14.16	14.90	15.49	17.24	18.16	20.73	28.90	42.89
10000	11.28	14.64	16.64	17.37	17.46	17.76	18.55	19.14	21.31	22.27	25.20	35.17	52.05
PMP	20.86	27.45	30.52	31.85	32.82	34.21	36.66	36.79	43.19	46.27	53.55	74.97	105.47
MEAN	2.445	3.146	3.422	3.571	3.692	3.874	4.159	4.469	4.968	5.434	6.519	8.962	14.568
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.333	1.535	1.474	1.422	1.388	1.337	1.404	1.126	1.031	0.851	0.770	1.552	1.886
REGIONAL SKEW	1.600	1.800	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	4.712	6.039	5.776	5.082	7.406	6.396	5.179	4.231	3.454	3.585	3.201	5.618	7.615
N	30	30	30	30	30	30	30	30	30	30	30	30	30
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1969	1969	1969	1941	1969
RECORD MAXIMUM	5.080	8.200	8.700	9.600	9.800	9.800	9.800	9.800	9.800	11.700	12.730	23.500	40.260
NORMALIZED MAX	2.260	2.988	3.028	3.476	3.424	3.274	2.871	2.600	2.267	2.623	2.138	3.018	3.551
CALC. COEF. VAR	.462	.538	.509	.502	.483	.467	.472	.459	.434	.439	.446	.537	.497
REGR. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1678	.2159	.2349	.2451	.2534	.2659	.2855	.3058	.3410	.3730	.4475	.6152	1.0000
RP10/A	.2780	.3642	.3997	.4171	.4311	.4515	.4847	.5173	.5758	.6236	.7360	1.0201	1.5576
RP25/A	.3472	.4546	.5032	.5250	.5394	.5613	.5991	.6347	.7002	.7591	.8872	1.2322	1.8593
RP50/A	.3983	.5210	.5707	.6048	.6191	.6415	.6821	.7193	.8064	.8561	.9947	1.3931	2.0753
RP100/A	.4487	.5883	.6551	.6836	.6973	.7201	.7631	.8015	.8920	.9408	1.0881	1.5282	2.2840
RP1000/A	.6131	.7950	.9010	.9402	.9510	.9732	1.0226	1.0630	1.1731	1.2465	1.4228	1.9839	2.9442
RP10000/A	.7746	1.0047	1.1426	1.1922	1.1988	1.2191	1.2731	1.3140	1.4628	1.5289	1.7297	2.4146	3.5729
PMP/A	1.4115	1.8841	2.0953	2.1864	2.2528	2.3482	2.5166	2.6628	2.9651	3.1764	3.7092	5.1461	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE			
203 3914 0	HENSHAW DAM	329	2700	10	11S	02E	5	39.233	116.767	90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	3.62	4.67	5.11	5.54	5.83	6.22	6.76	7.25	8.21	9.04	10.45	14.26	23.75
5	5.53	7.22	8.01	8.68	9.10	9.65	10.44	11.08	12.55	13.65	15.47	21.28	33.63
10	6.87	8.99	10.05	10.89	11.36	11.97	12.90	13.59	15.62	16.62	18.65	25.72	39.49
20	8.57	10.68	12.02	13.03	13.53	14.15	15.21	15.93	18.06	19.37	21.58	29.61	45.89
25	8.57	11.21	12.65	13.71	14.21	14.80	15.94	16.67	18.89	20.23	22.48	31.07	47.73
40	9.43	12.33	13.96	15.13	15.64	16.33	17.44	18.18	20.61	20.64	24.34	33.67	48.63
50	9.84	12.88	14.47	15.80	16.31	16.15	18.69	21.41	22.81	22.81	25.21	34.67	53.27
100	11.08	14.46	16.47	17.85	18.37	19.09	20.30	21.65	23.86	25.31	27.63	38.53	56.63
200	12.31	16.05	18.35	19.69	20.41	21.14	22.42	23.16	26.25	27.74	30.37	42.08	63.85
1000	15.14	19.49	22.65	24.56	25.06	25.81	27.21	27.81	31.65	33.21	38.05	52.02	75.57
10000	16.13	24.79	28.72	31.14	31.59	32.33	33.67	34.51	39.13	40.74	45.63	60.66	91.71
PMP	34.85	46.48	52.67	57.10	59.36	62.26	66.96	69.93	79.31	84.63	93.16	120.76	185.84
MEAN	4.144	5.327	5.905	6.402	6.677	7.051	7.596	8.057	9.121	9.939	11.340	15.512	25.669
CLOCK NR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.401	2.227	2.544	2.535	2.420	2.334	2.101	1.905	1.927	1.908	1.781	1.152	.850
REGIONAL SKEW	1.600	1.500	1.500	1.500	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.500	1.500	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	10.500	9.939	11.889	11.865	10.028	10.370	8.985	7.028	7.443	7.420	6.947	4.054	3.142
N	63	63	63	63	63	63	63	63	63	63	63	63	62
RECORD YEAR	1927	1927	1927	1927	1927	1927	1927	1927	1916	1916	1916	1916	1922
RECORD MAXIMUM	14.480	16.940	23.080	25.380	25.820	26.300	26.760	26.76	29.640	32.480	34.520	36.240	51.080
NORMALIZED MAX	3.986	4.230	4.634	4.762	4.869	4.988	4.929	4.695	3.791	3.788	3.820	2.490	2.490
CALC. COEF. VAR	.630	.604	.628	.623	.615	.595	.574	.567	.590	.577	.534	.479	.496
REGR. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1615	.2075	.2300	.2494	.2601	.2747	.2959	.3139	.3553	.3872	.4418	.6043	1.0000
RP10/A	.2675	.3500	.3915	.4244	.4425	.4664	.5024	.5293	.5997	.6473	.7286	1.0020	1.8378
RP25/A	.3340	.4360	.4937	.5262	.5469	.5698	.6069	.6329	.7031	.7508	.8568	1.2004	2.0593
RP50/A	.3831	.5007	.5677	.6154	.6384	.6627	.7070	.7359	.8341	.8886	.9910	1.3595	2.0751
RP100/A	.4317	.5635	.6415	.6953	.7186	.7438	.7910	.8200	.9295	.9860	1.0840	1.5011	2.2640
RP1000/A	.5690	.7669	.8624	.9566	.9762	1.0053	1.0599	1.0876	1.2331	1.2933	1.4046	1.9487	2.9442
RP10000/A	.7451	.9659	1.1109	1.2130	1.2395	1.2733	1.3194	1.3241	1.5010	1.5501	1.7075	2.3716	3.5729
PMP/A	1.3578	1.8108	2.0519	2.2245	2.3124	2.4256	2.6085	2.7243	3.0897	3.2971	3.6291	5.0549	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB			STATION NAME		ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE	
203 9447 0			WARNER SPRINGS		3180	25	105	03E 0	5	33.285	116.631	90	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.03	2.67	2.95	3.13	3.35	3.58	3.93	4.22	4.81	5.32	6.21	8.36	15.26
5	3.10	4.14	4.62	4.90	5.23	5.55	6.06	6.44	7.35	8.03	9.20	12.47	21.61
10	3.85	5.15	5.80	6.15	6.53	6.89	7.48	7.90	9.01	9.77	11.10	15.07	25.69
20	4.58	6.12	6.93	7.36	7.77	8.17	8.83	9.27	10.57	11.39	12.84	17.47	29.49
25	4.81	6.42	7.30	7.74	8.16	8.57	9.25	9.70	11.06	11.90	13.38	18.21	30.67
40	5.29	7.06	8.05	8.54	8.98	9.40	10.12	10.58	12.06	12.94	14.48	19.73	31.25
50	5.52	7.36	8.40	8.92	9.37	9.79	10.53	10.99	12.53	13.42	15.00	20.44	34.23
100	6.22	8.28	9.50	10.08	10.55	10.99	11.78	12.24	13.97	14.88	16.56	22.58	37.67
200	6.91	9.19	10.58	11.23	11.72	12.17	13.01	13.47	15.37	16.32	18.07	24.46	41.03
1000	8.50	11.27	13.06	13.87	14.39	14.86	15.79	16.24	18.53	19.53	21.45	29.32	48.56
10000	10.74	14.19	16.57	17.59	18.14	18.61	19.66	20.07	22.91	23.96	26.08	35.68	56.93
PMP	19.56	26.82	30.38	32.25	34.10	35.85	38.86	40.68	46.43	49.77	55.42	75.05	119.42
MEAN													
	2.326	3.051	3.406	3.616	3.835	4.060	4.408	4.686	5.340	5.846	6.747	9.091	16.494
CLOCK HR. COR.	1.140	1.078	1.058	1.079	1.010	1.010	1.002	1.006	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.622	1.500	1.450	1.479	1.055	1.028	1.225	2.344	2.258	1.276	1.846	1.394	1.038
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000

KURTOSIS	5.543	5.247	7.145	7.823	7.444	6.939	10.903	11.251	9.812	9.903	7.720	5.526	4.132
RECORD YEAR	67	67	67	67	67	67	67	67	67	67	67	67	70
RECORD MAXIMUM	5.960	8.090	9.820	10.730	12.100	12.160	17.160	18.380	19.860	21.860	21.860	25.600	38.230
NORMALIZED MAX	2.950	3.169	3.927	3.471	3.329	3.429	4.813	4.888	4.488	4.458	4.092	3.663	3.382
CALC. COEF. VAR	.530	.521	.539	.567	.582	.585	.601	.598	.612	.615	.547	.498	.389
REGN. COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.1410	1.0850	1.2055	1.2192	1.2325	1.2462	1.2873	1.2841	1.3237	1.3544	1.4090	1.5512	1.0000
RP10/A	1.2336	1.3119	1.3514	1.3730	1.3955	1.4179	1.4537	1.4791	1.5464	1.5925	1.6727	1.9139	1.5578
RP25/A	1.2917	1.3893	1.4243	1.4495	1.4750	1.4995	1.5608	1.5878	1.6704	1.7212	1.8109	1.1040	1.8593
RP50/A	1.3347	1.4462	1.5095	1.5409	1.5681	1.5938	1.6386	1.6662	1.7599	1.8133	1.9092	1.2391	2.0753
RP100/A	1.3771	1.5022	1.5759	1.6113	1.6398	1.6655	1.7144	1.7423	1.8468	1.9024	1.10037	1.3691	2.2840
RP1000/A	1.5152	1.6834	1.7920	1.8408	1.8727	1.9008	1.9573	1.9846	1.1234	1.1842	1.3005	1.1774	2.9442
RP10000/A	1.6509	1.8605	1.1043	1.1062	1.1001	1.1284	1.1918	1.2170	1.3887	1.4525	1.5810	2.1632	3.5729
PMP/A	1.1860	1.6137	1.1841	1.9553	2.0672	2.1735	2.3560	2.4662	2.8149	3.0177	3.3602	4.6105	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER 204 2840 1	STATION NAME		ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE		
	E RESERVOIR		373	752	16	115	03W	5	33.217	117.217	90		
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.88	2.27	2.44	2.54	2.67	2.83	2.95	3.33	3.70	4.10	4.94	6.86	11.85
5	2.87	3.51	3.62	3.98	4.17	4.38	4.55	5.09	5.66	6.19	7.32	10.24	16.78
10	3.57	4.37	4.79	4.99	5.20	5.44	5.62	6.25	6.94	7.53	8.83	12.37	19.95
20	4.24	5.20	5.73	5.97	6.19	6.44	6.63	7.33	8.14	8.78	10.21	14.34	22.90
25	4.46	5.40	6.03	6.28	6.51	6.76	6.95	7.67	8.51	9.17	10.64	14.95	23.82
40	4.90	6.00	6.85	6.93	7.16	7.42	7.61	8.36	9.29	9.36	11.52	16.20	24.26
50	5.11	6.25	6.94	7.24	7.47	7.72	7.91	8.69	9.65	10.34	11.93	16.78	26.58
100	5.76	7.04	7.84	8.11	8.41	8.68	8.85	9.68	10.75	11.48	13.17	18.54	29.25
200	6.40	7.81	8.74	9.11	9.34	9.60	9.77	10.65	11.83	12.58	14.37	20.25	31.86
1000	7.87	9.58	10.79	11.25	11.47	11.72	11.86	12.84	14.26	15.06	17.06	24.07	37.71
10000	9.94	12.08	13.88	14.27	14.48	14.68	14.77	15.87	17.63	18.47	20.74	29.29	45.76
PMP	18.12	22.62	25.09	26.17	27.17	28.27	29.20	32.16	35.74	38.38	44.08	62.43	92.73
MEAN	2.154	2.592	2.813	2.934	3.057	3.202	3.312	3.705	4.111	4.507	5.366	7.463	12.808
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.752	.304	-.0032	.236	.360	.416	.358	.378	.360	.198	.261	.679	1.112
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000

KURTOSIS	3.962	2.865	2.265	2.788	2.930	2.760	2.602	2.438	2.488	2.314	2.760	3.206	4.521
RECORD YEAR	32	32	32	32	32	32	32	32	32	32	32	32	32
RECORD MAXIMUM	1.941	1.941	1.941	1.938	1.938	1.938	1.938	1.946	1.938	1.938	1.941	1.941	1.937
NORMALIZED MAX	3.820	4.380	4.380	5.350	5.700	5.920	6.400	7.430	7.500	9.570	10.300	26.470	40.730
CALC. COEF. VAR	2.020	1.832	1.505	2.156	2.335	2.248	2.102	1.860	2.037	1.737	1.986	2.304	2.573
REGN. COEF. VAR	.393	.378	.378	.370	.370	.370	.370	.387	.387	.382	.395	.434	.414
USED COEF. VAR	.494	.515	.528	.528	.528	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.682	2.024	2.196	2.291	2.386	2.500	2.586	2.893	3.209	3.519	4.189	5.826	1.0000
RP10/A	2.786	3.413	3.737	3.898	4.060	4.244	4.390	4.878	5.416	5.883	6.890	9.661	1.5578
RP25/A	3.3479	4.280	4.704	4.906	5.080	5.276	5.426	5.984	6.646	7.160	8.396	1.170	1.8593
RP50/A	3.391	4.483	5.019	5.252	5.530	5.830	6.179	6.882	7.533	8.075	9.312	1.3099	2.0753
RP100/A	4.4497	5.495	6.125	6.388	6.567	6.769	6.912	7.557	8.394	8.860	1.0280	1.4473	2.2840
RP1000/A	6.144	7.478	8.424	8.786	8.955	9.149	9.262	1.0024	1.1136	1.1757	1.3320	1.8789	2.9442
RP10000/A	1.7762	1.9415	1.0682	1.1141	1.1289	1.1461	1.1532	1.2390	1.3767	1.4422	1.6192	2.2606	3.5729
PMP/A	1.4145	1.7657	1.9589	2.0431	2.1214	2.2074	2.2795	2.5108	2.7905	2.9962	3.4416	4.6739	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS

WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 204 2862 0	STATION NAME ESCONDIDO 1	ELEV 660	SEC 22	TWP 125	RNG LOT 02W	8MM 5	LATITUDE 33.117	LONGITUDE 117.063	COUNTY CODE 90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.10	2.70	2.99	3.23	3.45	3.66	3.93	4.28	4.91	5.48	6.39	8.62	14.71
5	3.20	4.17	4.69	5.07	5.38	5.67	6.06	6.53	7.51	8.27	9.46	12.86	20.83
10	3.98	5.19	5.88	6.36	6.71	7.04	7.49	8.01	9.21	10.07	11.41	15.54	24.77
20	4.73	6.17	7.03	7.61	8.00	8.34	8.83	9.40	10.81	11.74	13.20	18.00	28.43
25	4.97	6.48	7.40	8.00	8.40	8.75	9.25	9.83	11.31	12.26	13.75	18.77	29.57
40	5.46	7.12	8.16	8.83	9.24	9.61	10.13	10.72	12.33	12.51	14.69	20.34	30.13
50	5.70	7.42	8.53	9.22	9.64	10.01	10.53	11.14	12.81	13.62	15.42	21.07	33.00
100	6.42	8.35	9.63	10.42	10.86	11.23	11.79	12.41	14.28	15.34	17.02	23.28	36.32
200	7.13	9.27	10.73	11.61	12.08	12.44	13.01	13.68	15.71	16.81	18.58	25.42	39.58
1000	8.77	11.37	13.25	14.33	14.81	15.18	15.79	16.46	18.94	20.13	22.06	30.22	46.82
10000	11.08	14.32	16.80	18.17	18.67	19.02	19.66	20.35	23.42	24.69	26.81	36.78	56.82
PMP	20.19	26.84	30.82	33.33	35.08	36.63	38.87	41.24	47.47	51.29	58.99	78.38	115.14
MEAN	2.400	3.077	3.455	3.736	3.946	4.148	4.409	4.751	5.459	6.024	6.937	9.370	15.903
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.716	1.454	1.353	1.252	1.158	1.055	0.952	0.835	0.722	0.673	0.519	0.398	0.250
REGIONAL SKEW	1.400	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.100
KURTOSIS	6.083	5.246	6.197	6.596	5.918	5.775	5.477	4.923	7.207	7.169	6.705	4.696	5.597
N	71	71	71	71	71	71	71	71	71	71	71	71	71
RECORD YEAR	1927	1927	1927	1927	1927	1927	1927	1927	1916	1916	1916	1910	1937
RECORD MAXIMUM	6.630	9.386	10.640	11.171	11.350	11.600	12.300	12.300	17.640	18.960	20.960	23.170	40.800
NORMALIZED MAX	3.319	3.367	3.405	3.773	3.052	3.581	3.719	3.200	4.225	4.262	4.230	3.321	3.950
CALC. COEF. VAR	.531	.515	.529	.527	.514	.502	.482	.487	.528	.504	.478	.444	.397
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.509	1.935	2.172	2.349	2.481	2.608	2.772	2.988	3.433	3.768	4.362	5.892	1.0000
RP10/A	2.500	3.263	3.697	3.998	4.221	4.428	4.707	5.038	5.793	6.333	7.174	9.769	1.5578
RP25/A	3.122	4.073	4.553	5.032	5.282	5.508	5.818	6.181	7.109	7.708	8.848	11.801	1.8593
RP50/A	3.582	4.608	5.160	5.797	6.062	6.292	6.624	7.005	8.058	8.693	9.960	13.246	2.0753
RP100/A	4.036	5.253	6.058	6.852	7.088	7.322	7.711	8.105	9.495	10.045	11.074	14.456	2.2840
RP1000/A	5.514	7.149	8.333	9.012	9.312	9.545	9.930	1.0352	1.1912	1.2957	1.3899	1.9000	2.9442
RP10000/A	6.966	9.002	1.0566	1.1427	1.1739	1.1957	1.2363	1.2797	1.4725	1.5525	1.6890	2.3125	3.5729
PMP/A	1.2694	1.6880	1.9377	2.0950	2.2059	2.3030	2.4439	2.5933	2.9847	3.2253	3.5834	4.9289	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. 85N ORDER SUB 204 4726 0	STATION NAME LAKE MONFORD	ELEV 1500	SEC 32	TWP 115	RNG LOT 01W J	8MM 5	LATITUDE 33.175	LONGITUDE 116.999	COUNTY CODE 90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.40	3.12	3.39	3.62	3.82	4.05	4.30	4.75	5.40	5.96	7.22	9.87	17.06
5	3.66	4.82	5.31	5.67	5.96	6.28	6.64	7.26	8.25	8.99	10.89	14.72	24.15
10	4.54	5.99	6.66	7.11	7.44	7.79	8.20	8.70	10.12	10.93	12.89	17.80	28.72
20	5.40	7.13	7.97	8.50	8.86	9.23	9.67	10.44	11.87	12.76	14.91	20.82	32.96
25	5.67	7.48	8.39	8.95	9.31	9.69	10.14	10.92	12.42	13.33	15.54	21.50	34.27
40	6.24	8.23	9.25	9.87	10.25	10.63	11.09	11.91	13.55	13.60	16.82	23.29	34.92
50	6.51	8.58	9.60	10.31	10.69	11.07	11.54	12.37	14.08	15.03	17.42	24.13	38.25
100	7.33	9.65	10.92	11.65	12.04	12.43	12.91	13.76	15.89	16.98	19.23	26.46	42.10
200	8.15	10.71	12.17	12.98	13.37	13.76	14.25	15.17	17.26	18.28	20.99	29.12	45.85
1000	10.02	13.13	15.02	16.02	16.42	16.80	17.30	18.29	20.81	21.88	24.92	34.61	54.27
10000	12.99	16.54	19.08	20.31	20.70	21.04	21.54	22.80	25.73	26.84	30.30	42.12	65.86
PMP	23.09	31.01	34.93	37.25	38.89	40.53	42.58	45.81	52.15	55.77	64.39	85.78	133.46
MEAN	2.742	3.554	3.916	4.176	4.375	4.590	4.830	5.277	5.998	6.549	7.638	10.732	18.434
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.832	2.067	1.875	2.524	2.248	2.009	1.685	1.417	1.028	.888	.908	1.606	3.176
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	6.945	8.551	7.725	11.220	9.743	8.497	6.875	5.549	3.678	3.145	3.031	5.812	14.909
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	6.900	10.800	11.400	13.900	13.900	13.900	13.900	13.900	13.900	13.900	16.290	30.260	73.170
NORMALIZED MAX	2.505	3.078	3.110	3.560	3.475	3.390	3.172	2.947	2.423	2.121	2.046	2.977	3.950
CALC. COEF. VAR	.591	.595	.585	.578	.568	.557	.547	.537	.585	.565	.545	.481	.416
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	1.188	1.928	2.124	2.266	2.373	2.490	2.620	2.883	3.254	3.553	4.252	5.822	1.0000
RP10/A	2.464	3.252	3.619	3.858	4.038	4.227	4.448	4.826	5.491	5.940	6.994	9.954	1.5578
RP25/A	3.077	4.059	4.550	4.853	5.052	5.256	5.498	5.923	6.738	7.230	8.430	11.861	1.8593
RP50/A	3.530	4.652	5.242	5.591	5.798	6.007	6.260	6.712	7.637	8.154	9.451	13.089	2.0753
RP100/A	3.977	5.235	5.924	6.319	6.531	6.742	7.004	7.479	8.511	9.047	1.0434	1.4403	2.2840
RP1000/A	5.435	7.125	8.148	8.691	8.907	9.112	9.385	9.920	11.290	11.871	13.519	18.775	2.9442
RP10000/A	6.966	8.971	1.0332	1.1020	1.1228	1.1415	1.1684	1.2262	1.3957	1.4561	1.6436	2.2851	3.5729
PMP/A	1.2511	1.6823	1.8946	2.0210	2.1100	2.1987	2.3097	2.4850	2.8291	3.0252	3.4931	4.8702	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO LOT	BWM	LATITUDE	LONGITUDE	COUNTY
205 4014 0	HODGES RES	348	320	18	135	02W	S	33.050	117.133
									90
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	1.93	2.34	2.52	2.73	2.98	3.13	3.36	3.74	4.10
5	2.94	3.63	3.94	4.28	4.62	4.85	5.18	5.72	6.26
10	3.65	4.51	4.95	5.36	5.76	6.02	6.40	7.01	7.68
20	4.34	5.36	5.92	6.42	6.96	7.13	7.55	8.22	9.01
25	4.56	5.63	6.23	6.75	7.21	7.40	7.91	8.60	9.43
40	5.01	6.19	6.87	7.45	7.93	8.21	8.66	9.38	10.28
50	5.23	6.45	7.17	7.78	8.27	8.55	9.01	9.75	10.68
100	5.89	7.26	8.11	8.79	9.32	9.60	10.08	10.85	11.91
200	6.65	8.06	9.03	9.79	10.35	10.63	11.13	11.98	13.19
1000	8.05	9.88	11.15	12.09	12.71	12.97	13.51	14.41	15.79
10000	10.17	12.44	14.14	15.33	16.02	16.25	16.82	17.81	19.52
PMP	18.53	23.33	25.93	28.12	30.11	31.30	33.24	36.09	39.57
									42.49
									48.92
									69.68
									103.63
MEAN	2.203	2.674	2.907	3.192	3.385	3.544	3.771	4.158	4.551
CLOCK NR. COR.	1.140	1.070	1.050	1.020	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	1.214	1.048	1.035	1.010	1.000	1.000	1.000	1.000	1.000
REGIONAL SKEW	1.500	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100
KURTOSIS	4.685	4.085	3.097	4.966	4.698	4.623	3.811	3.365	3.230
N	41	41	41	41	41	41	41	41	41
RECORD YEAR	1937	1937	1937	1938	1938	1938	1938	1937	1937
RECORD MAXIMUM	3.430	5.580	6.111	7.119	7.500	7.700	7.893	8.572	9.340
NORMALIZED MAX	2.405	2.734	2.370	3.192	3.097	3.057	2.805	2.455	2.355
CALC. COEF. VAR	.396	.397	.394	.389	.392	.384	.388	.381	.367
REON. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.501
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.501
MEAN/A	.1539	.1868	.2031	.2202	.2366	.2476	.2635	.2905	.3180
RP10/A	.2549	.3151	.3374	.3717	.4025	.4204	.4473	.4898	.5366
RP25/A	.3184	.3933	.4350	.4717	.5036	.5226	.5529	.6009	.6585
RP50/A	.3652	.4508	.5011	.5434	.5780	.5973	.6295	.6811	.7444
RP100/A	.4115	.5073	.5563	.6141	.6510	.6705	.7042	.7563	.8317
RP1000/A	.5622	.6904	.7789	.8447	.8879	.9062	.9437	1.0056	1.1034
RP10000/A	.7103	.8693	.9877	.1.0711	1.1192	1.1352	1.1749	1.2442	1.3640
PMP/A	1.2943	1.6302	1.8114	1.9643	2.1032	2.1865	2.3224	2.5213	2.7648
									2.9683
									3.4176
									4.8677
									7.2400

PRECIPITATION DEPTH=DURATION=FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNO LOT	BWM	LATITUDE	LONGITUDE	COUNTY
205 7744 1	SAN DIEGUITO RES	356	250	16	135	03W	S	33.033	117.200
									90
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H=HOURS									
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150
2	1.88	2.29	2.51	2.70	2.87	3.07	3.27	3.57	3.93
5	2.87	3.54	3.93	4.22	4.48	4.75	5.05	5.45	6.01
10	3.66	4.41	4.93	5.30	5.58	5.90	6.24	6.69	7.37
20	4.24	5.24	5.89	6.34	6.65	6.99	7.36	7.84	8.64
25	4.45	5.50	6.20	6.67	6.99	7.33	7.71	8.20	9.04
40	4.90	6.05	6.84	7.36	7.69	8.05	8.44	8.95	9.86
50	5.11	6.31	7.14	7.68	8.02	8.38	8.78	9.30	10.25
100	5.75	7.10	8.07	8.68	9.03	9.41	9.82	10.36	11.42
200	6.39	7.88	8.99	9.67	10.03	10.42	10.84	11.40	12.56
1000	7.86	9.66	11.11	11.94	12.32	12.71	13.16	13.74	15.15
10000	9.93	12.17	14.08	15.14	15.53	15.93	16.38	16.99	18.72
PMP	18.69	22.81	25.82	27.77	29.18	30.67	32.38	34.42	37.95
									39.84
									48.00
									63.38
									94.50
MEAN	2.151	2.615	2.895	3.113	3.283	3.474	3.673	3.966	4.365
CLOCK NR. COR.	1.070	1.040	1.030	1.010	1.010	1.010	1.000	1.000	1.000
CALCULATED SKEW	.552	1.373	1.149	1.016	.907	.847	.638	.398	.355
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.100
KURTOSIS	3.054	5.697	5.162	4.482	4.105	4.104	3.638	3.241	3.238
N	42	42	42	42	42	42	42	42	42
RECORD YEAR	1937	1927	1927	1927	1927	1927	1927	1927	1952
RECORD MAXIMUM	3.430	5.790	6.650	6.870	6.940	7.500	7.590	8.230	8.370
NORMALIZED MAX	1.736	3.148	3.259	3.093	2.937	3.008	2.814	2.465	2.399
CALC. COEF. VAR	.342	.386	.398	.390	.379	.385	.379	.371	.359
REON. COEF. VAR	.515	.515	.528	.528	.526	.522	.512	.512	.501
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.512	.513	.501
MEAN/A	.1646	.2001	.2216	.2383	.2512	.2659	.2811	.3035	.3340
RP10/A	.2727	.3375	.3770	.4055	.4274	.4514	.4772	.5118	.5637
RP25/A	.3406	.4212	.4746	.5104	.5348	.5611	.5899	.6279	.6918
RP50/A	.3907	.4828	.5467	.5880	.6137	.6413	.6717	.7146	.7841
RP100/A	.4402	.5433	.6079	.6593	.6913	.7198	.7521	.7920	.8737
RP1000/A	.6015	.7394	.8499	.9140	.9428	.9729	1.0069	1.0517	1.1591
RP10000/A	.7599	.9310	1.0777	1.1589	1.1885	1.2180	1.2536	1.2999	1.4329
PMP/A	1.3846	1.7458	1.9764	2.1254	2.2334	2.3475	2.4781	2.6343	2.9044
									3.0493
									3.5201
									4.8503
									7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB 207 2239 0	STATION NAME CUYAMACA	ELEV 321	SEC 4650	TWP	RNG LOT	BWM	LATITUDE 32-98J	LONGITUDE 118-58J	COUNTY 90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	4.14	5.08	6.30	6.78	7.25	7.75	8.43	9.09	10.55	11.67	13.63	19.04	34.75
5	6.32	8.79	9.87	10.62	11.31	12.02	13.01	13.89	16.13	17.62	20.19	28.41	49.20
10	7.85	10.93	12.39	13.32	14.11	14.91	16.06	17.03	19.79	21.45	24.34	34.34	59.51
20	9.33	12.99	14.82	15.94	16.81	17.67	18.95	19.97	23.22	25.00	28.15	39.80	67.15
25	9.80	13.64	15.59	16.77	17.66	18.54	19.86	20.89	24.29	26.11	29.34	41.48	69.83
40	10.79	15.00	17.20	18.50	19.43	20.34	21.73	22.79	26.50	28.63	31.76	44.95	71.13
50	11.25	15.64	17.96	19.32	20.26	21.19	22.61	23.68	27.53	29.45	32.69	46.56	77.94
100	12.67	17.40	20.30	21.83	22.83	23.78	25.29	26.38	30.68	32.67	36.31	51.45	85.78
200	14.08	19.53	22.61	24.32	25.35	26.33	27.92	29.03	33.75	35.81	39.63	56.19	93.42
1000	17.32	23.93	27.92	30.03	31.13	32.14	33.99	34.99	40.70	42.87	47.05	66.79	110.58
10000	21.89	30.16	35.40	38.07	39.24	40.27	42.20	43.25	50.31	52.58	57.19	81.29	134.19
PMP	39.66	56.55	64.92	69.82	73.74	77.56	83.41	87.63	101.97	109.24	121.56	173.25	271.92
MEAN	4.740	6.481	7.278	7.828	8.295	8.784	9.462	10.098	11.728	12.829	14.797	20.711	37.558
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.257	2.338	2.119	2.076	1.869	1.789	1.915	1.603	1.339	1.468	1.326	.845	.715
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
KURTOSIS	8.669	10.282	6.535	8.318	7.329	7.079	8.248	6.740	5.776	5.562	5.361	3.267	3.047
N	87	87	87	87	87	87	87	87	87	87	87	87	87
RECORD YEAR	1927	1891	1891	1927	1927	1927	1891	1891	1891	1916	1916	1916	1890
RECORD MAXIMUM	12.010	22.400	23.400	25.440	26.350	26.930	31.500	32.500	32.800	36.050	38.890	44.750	71.210
NORMALIZED MAX	3.311	4.263	3.844	4.049	3.972	3.847	4.337	4.140	3.480	3.719	3.652	2.806	2.653
CALC. COEF. VAR	.514	.563	.576	.556	.548	.537	.537	.536	.509	.487	.446	.414	.338
REGION. COEF. VAR	.494	.513	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.513	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1262	.1726	.1938	.2084	.2209	.2339	.2519	.2689	.3123	.3416	.3940	.5514	1.0000
RP10/A	.2091	.2911	.3298	.3547	.3758	.3970	.4277	.4534	.5270	.5710	.6480	.9144	1.8378
RP25/A	.2810	.3833	.4151	.4484	.4702	.4936	.5287	.5563	.6467	.6951	.7811	1.1045	1.9573
RP50/A	.2998	.4164	.4782	.5143	.5398	.5642	.6020	.6304	.7330	.7839	.8757	1.2937	2.0753
RP100/A	.3374	.4685	.5405	.5813	.6078	.6332	.6734	.7024	.8167	.8698	.9668	1.3698	2.2840
RP1000/A	.4810	.6377	.7433	.7993	.8289	.8559	.9024	.9317	1.0935	1.1413	1.2526	1.7783	2.9442
RP10000/A	.5824	.8629	.9426	1.0138	1.0449	1.0721	1.1235	1.1510	1.3394	1.3969	1.5228	2.1643	3.5729
PMP/A	1.0614	1.5057	1.7286	1.8591	1.9635	2.0650	2.2268	2.3338	2.7159	2.9085	3.2365	4.6128	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	BWM	LATITUDE	LONGITUDE	COUNTY	CODE		
207 2702 0	EL CAJON S00+E	507	460	10	165	01W F	S	32-79N	118-471	90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.91	2.38	2.58	2.75	2.95	3.08	3.32	3.61	3.97	4.33	5.17	6.95	11.68
5	2.91	3.68	4.04	4.31	4.61	4.70	5.12	5.32	6.08	6.84	7.66	10.37	16.52
10	3.62	4.58	5.06	5.40	5.75	5.93	6.32	6.77	7.45	7.96	9.23	12.53	19.66
20	4.30	5.44	6.06	6.46	6.84	7.03	7.46	7.94	8.74	9.28	10.68	14.52	22.56
25	4.52	5.72	6.38	6.80	7.19	7.37	7.82	8.30	9.15	9.69	11.13	15.14	23.48
40	4.97	6.28	7.03	7.50	7.91	8.09	8.55	9.05	9.98	10.48	12.05	16.40	23.91
50	5.18	6.55	7.34	7.83	8.25	8.43	8.90	9.41	10.37	10.93	12.48	16.99	26.19
100	5.84	7.37	8.30	8.85	9.30	9.46	9.96	10.48	11.55	12.13	13.78	18.77	28.62
200	6.49	8.18	9.25	9.86	10.33	10.47	10.99	11.53	12.71	13.29	15.03	20.50	31.39
1000	7.98	10.03	11.42	12.18	12.80	12.78	13.34	13.90	15.32	15.91	17.85	24.37	37.13
10000	10.06	12.63	14.48	15.44	15.99	16.01	16.61	17.18	18.94	19.52	21.70	29.66	45.09
PMP	18.37	23.69	26.55	28.32	30.03	30.84	32.83	34.82	38.40	40.35	46.12	63.21	91.36
MEAN	2.184	2.715	2.976	3.175	3.378	3.493	3.725	4.012	4.416	4.762	5.614	7.557	12.619
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.628	1.797	1.855	1.708	1.602	1.730	1.773	1.453	1.133	.928	.685	.648	1.021
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.000
KURTOSIS	5.708	7.192	7.991	7.245	7.159	8.072	8.939	7.288	5.326	4.642	4.120	2.979	4.500
N	43	43	43	43	43	43	43	43	43	43	43	42	42
RECORD YEAR	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1941	1941
RECORD MAXIMUM	5.100	7.450	8.820	9.490	9.620	10.420	11.380	11.380	11.640	11.660	12.950	15.900	27.430
NORMALIZED MAX	2.638	3.460	3.793	3.988	3.839	3.981	4.177	4.332	4.749	4.369	3.193	2.361	3.062
CALC. COEF. VAR	.508	.504	.518	.525	.497	.498	.492	.467	.461	.430	.410	.421	.383
REGION. COEF. VAR	.494	.513	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.513	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1731	.2152	.2359	.2516	.2677	.2768	.2952	.3179	.3499	.3774	.4449	.5988	1.0000
RP10/A	.2867	.3629	.4014	.4282	.4585	.4899	.5011	.5305	.5905	.6309	.7317	.9920	1.5878
RP25/A	.3580	.4529	.5052	.5389	.5699	.5942	.6179	.6578	.7274	.7679	.8820	1.1994	1.9593
RP50/A	.4107	.5191	.5820	.6209	.6540	.6877	.7053	.7454	.8214	.8660	.9888	1.3462	2.0753
RP100/A	.4627	.5842	.6578	.7017	.7367	.7494	.7899	.8305	.9153	.9609	1.0916	1.4873	2.2840
RP1000/A	.5323	.7950	.9047	.9681	1.0047	1.0182	1.0731	1.1017	1.2143	1.2609	1.4149	1.9311	2.9240
RP10000/A	.7986	1.0011	1.1472	1.2243	1.2660	1.2688	1.3163	1.3618	1.5461	1.5467	1.7195	2.3503	3.5729
PMP/A	1.4355	1.6772	2.1038	2.2443	2.3860	2.4439	2.6020	2.7597	3.0428	3.2133	3.6546	5.0091	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
Z07 2709 0	EL CAPITAN DAM	600	07	15S	02E 8	S	32.883	116.817	90

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	2.06	2.62	2.86	3.00	3.27	3.43	3.74	4.15	4.64	5.08	6.23	8.59	14.62
5	3.15	4.06	4.48	4.71	5.10	5.32	5.77	6.34	7.09	7.67	9.23	12.81	20.71
10	3.91	5.05	5.63	5.90	6.37	6.60	7.13	7.77	8.70	9.34	11.13	15.48	24.62
20	4.65	6.00	6.73	7.08	7.59	7.82	8.41	9.11	10.20	10.89	12.87	17.94	28.26
25	4.86	6.30	7.08	7.43	7.97	8.20	8.81	9.53	10.67	11.37	13.41	18.70	29.39
40	5.37	6.93	7.81	8.20	8.77	9.00	9.64	10.40	11.65	11.81	14.52	20.27	29.94
50	5.60	7.23	8.16	8.58	9.15	9.37	10.03	10.80	12.10	12.02	15.04	20.97	32.80
100	6.31	8.13	9.22	9.67	10.30	10.52	11.22	12.02	13.48	13.48	16.60	23.20	36.10
200	7.01	9.02	10.27	10.78	11.44	11.65	12.39	13.24	15.43	15.60	18.12	25.34	39.31
1000	8.62	11.07	12.60	13.30	14.05	14.22	15.03	15.97	17.89	18.67	21.51	30.11	46.53
10000	10.89	13.93	16.08	16.87	17.71	17.81	18.72	19.73	21.81	22.90	26.15	36.65	56.47
PMP	19.85	26.13	29.49	30.94	33.28	34.31	37.00	39.99	44.82	47.58	55.58	76.12	114.43
MEAN	2.360	2.995	3.306	3.468	3.744	3.895	4.197	4.607	5.154	5.588	6.766	9.338	15.805
CLOCK HR. COR.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600	1.600
CALCULATED SKEW	1.941	1.426	1.068	2.008	1.760	1.576	1.313	1.160	.996	.899	2.122	1.893	1.691
REGIONAL SKEW	1.500	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	7.264	4.619	6.453	6.341	6.959	6.183	4.922	4.532	3.736	3.760	10.081	8.015	6.059
RECORD YEAR	33	33	33	33	33	33	33	33	33	33	33	33	33
RECORD MAXIMUM	5.800	6.300	6.480	6.590	6.640	6.640	6.640	6.640	6.640	6.640	6.640	6.640	6.640
NORMALIZED MAX	2.807	2.292	3.184	3.634	3.455	3.300	2.966	2.776	2.753	2.853	4.011	3.704	3.083
CALC. COEF. VAR	.478	.481	.492	.486	.456	.449	.437	.419	.430	.419	.480	.507	.418
REGION. COEF. VAR	.494	.515	.526	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.526	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1494	.1895	.2092	.2194	.2369	.2458	.2656	.2915	.3261	.3536	.4281	.5969	1.0000
RP10/A	.2474	.3196	.3559	.3734	.4030	.4174	.4508	.4916	.5504	.5911	.7011	.9787	1.5578
RP25/A	.3089	.3989	.4680	.4701	.5189	.5189	.5573	.6031	.6754	.7195	.8487	1.1935	1.8593
RP50/A	.3544	.4572	.5181	.5415	.5787	.5890	.6345	.6835	.7655	.8114	.9415	1.3283	2.0783
RP100/A	.3993	.5145	.5833	.6120	.6518	.6636	.7089	.7618	.8530	.9003	1.0504	1.4677	2.2840
RP1000/A	.5456	.7002	.8023	.8418	.8889	.8997	.9512	1.0102	1.1316	1.1814	1.3611	1.9054	2.9442
RP10000/A	.6893	.8816	1.0173	1.0674	1.1205	1.1270	1.1843	1.2486	1.3989	1.4491	1.6547	2.3190	3.5729
PMP/A	1.2561	1.6532	1.8656	1.9375	2.1058	2.1708	2.3410	2.5303	2.8356	3.0105	3.5167	4.9426	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	BWM	LATITUDE	LONGITUDE	COUNTY CODE
Z07 6039 31	MURRAY DAM	520	13	16S	02W	S	32.781	117.044	90

MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS

RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	1.92	2.41	2.63	2.84	3.04	3.19	3.58	3.87	4.44	4.87	5.59	7.26	12.11
5	2.93	3.73	4.13	4.34	4.74	4.95	5.49	5.92	6.78	7.35	8.27	10.64	17.15
10	3.64	4.64	5.18	5.59	5.91	6.14	6.77	7.26	8.32	8.95	9.97	13.10	20.39
20	4.33	5.51	6.20	6.68	7.04	7.27	7.99	8.51	9.76	10.43	11.54	15.18	23.40
25	4.55	5.79	6.52	7.03	7.40	7.63	8.37	8.90	10.21	10.89	12.02	15.62	24.34
40	5.00	6.36	7.19	7.76	8.14	8.37	9.16	9.71	11.14	11.12	13.02	17.15	24.80
50	5.22	6.63	7.51	8.10	8.49	8.72	9.54	10.09	11.57	12.26	13.68	17.76	27.18
100	5.88	7.46	8.49	9.15	9.56	9.79	10.67	11.24	12.89	13.63	14.88	19.63	29.90
200	6.53	8.28	9.46	10.20	10.62	10.84	11.78	12.37	14.18	14.94	16.24	21.43	32.56
1000	8.03	10.16	11.87	12.59	13.04	13.23	14.29	14.91	17.10	17.68	19.28	25.48	38.54
10000	10.15	12.79	14.80	15.97	16.44	16.57	17.80	18.43	21.14	21.93	23.64	31.01	46.77
PMP	16.49	23.96	27.15	29.28	30.69	31.92	35.18	37.35	42.85	45.57	49.82	66.09	94.77
MEAN	2.199	2.748	3.043	3.283	3.475	3.615	3.991	4.363	4.929	5.351	6.064	7.901	13.090
CLOCK HR. COR.	1.140	1.670	1.640	1.620	1.610	1.610	1.600	1.600	1.600	1.600	1.600	1.600	1.600
CALCULATED SKEW	.788	1.272	1.416	1.408	1.374	1.325	1.207	1.085	1.323	1.357	1.069	.924	.708
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	4.229	5.073	4.854	4.741	4.543	4.107	3.971	4.656	4.992	4.604	4.023	3.431	2.951
RECORD YEAR	1927	1927	1927	1927	1927	1927	1927	1927	1916	1916	1916	1916	1922
RECORD MAXIMUM	4.230	6.300	7.770	8.430	8.740	8.960	9.630	10.410	13.010	13.630	15.120	17.390	23.600
NORMALIZED MAX	1.257	2.387	2.813	2.810	2.829	2.722	2.791	2.832	2.974	2.919	2.715	2.200	1.853
CALC. COEF. VAR	.497	.541	.532	.536	.540	.543	.556	.551	.587	.560	.550	.480	.367
REGION. COEF. VAR	.494	.513	.526	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.513	.526	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1680	.2108	.2325	.2508	.2655	.2762	.3049	.3288	.3765	.4088	.4633	.6036	1.0000
RP10/A	.2762	.3541	.3956	.4267	.4516	.4684	.5176	.5544	.6334	.6835	.7620	1.0000	1.5578
RP25/A	.3422	.4420	.5037	.5272	.5601	.5699	.6176	.6544	.7334	.7835	.8620	1.1000	1.8593
RP50/A	.3966	.5066	.5737	.6008	.6405	.6562	.7084	.7706	.8636	.9383	1.0298	1.3570	2.0753
RP100/A	.4491	.5701	.6484	.6994	.7305	.7478	.8149	.8880	.9849	1.0410	1.1369	1.4994	2.2840
RP1000/A	.6136	.7759	.8916	.9619	.9962	1.0107	1.0920	1.1392	1.3065	1.3661	1.4731	1.9464	2.9442
RP10000/A	.7752	.9769	1.1359	1.2059	1.2559	1.2661	1.3584	1.4181	1.6151	1.6756	1.7608	2.3890	3.5729
PMP/A	1.4120	1.8319	2.0739	2.2369	2.3599	2.4386	2.6875	2.8536	3.2738	3.4812	3.8060	5.0490	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 207 7909 0	STATION NAME SAN VICENTE	ELEV 358	SEC 660	TWP 31	RNG 01E	LOT S	RWM 5	LATITUDE 32.917	LONGITUDE 116.917	COUNTY CODE 90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.74	2.26	2.50	2.68	2.85	3.00	3.21	3.52	3.94	4.35	5.09	6.74	12.06
5	2.05	3.50	3.92	4.21	4.44	4.64	4.95	5.37	6.02	6.56	7.54	10.06	17.00
10	4.38	4.91	5.28	5.54	5.76	5.96	6.21	6.59	7.38	7.98	9.09	12.16	20.31
20	3.91	5.17	5.80	6.31	6.60	6.83	7.21	7.73	8.66	9.31	10.52	14.09	23.31
25	4.11	5.43	6.10	6.64	6.93	7.16	7.55	8.08	9.06	9.72	10.96	14.69	24.24
40	4.52	5.97	6.62	7.33	7.63	7.86	8.27	8.82	9.88	9.92	11.07	15.42	24.70
50	4.72	6.23	6.87	7.65	7.96	8.19	8.60	9.15	10.27	10.91	12.29	16.49	27.08
100	5.31	7.01	8.05	8.65	8.96	9.19	9.62	10.21	11.44	12.16	13.57	18.22	29.78
200	5.91	7.76	8.97	9.63	9.95	10.18	10.62	11.23	12.39	13.33	14.81	19.90	32.43
1000	7.26	9.54	11.07	11.89	12.22	12.42	12.89	13.54	15.18	15.96	17.58	23.65	38.30
10000	9.17	12.01	14.04	15.08	15.41	15.56	16.05	16.73	19.57	21.37	26.78	46.58	
PMP	16.72	22.51	25.75	27.66	28.45	29.47	31.73	33.91	38.04	40.66	45.42	61.35	94.38
MEAN	1.988	2.580	2.887	3.101	3.257	3.394	3.600	3.907	4.375	4.776	5.528	7.334	13.036
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.812	2.816	2.008	1.705	1.548	1.291	0.873	0.840	0.511	0.125	0.451	0.690	0.799
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	13.201	12.448	9.222	7.343	6.745	5.437	4.299	3.584	3.199	2.855	3.297	3.860	4.133
N	26	26	26	26	26	26	26	26	25	25	25	25	25
RECORD YEAR	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1956	1958	1952
RECORD MAXIMUM	4.920	7.300	7.610	7.660	7.880	7.800	7.800	7.800	8.420	8.400	10.090	13.970	24.370
NORMALIZED MAX	3.260	3.577	3.421	3.278	3.241	3.018	2.777	2.531	2.402	2.236	2.222	2.377	2.462
CALC. COEF. VAR	.453	.511	.478	.448	.430	.439	.420	.394	.385	.347	.371	.381	.350
REGON. COEF. VAR	.494	.515	.528	.520	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.520	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1529	.1979	.2214	.2379	.2498	.2604	.2761	.2997	.3356	.3663	.4241	.5625	1.0000
RP10/A	.2526	.3338	.3768	.4048	.4250	.4420	.4688	.5054	.5664	.6124	.6975	.9228	1.9578
RP25/A	.3184	.4187	.4743	.5095	.5318	.5496	.5764	.6200	.6956	.7485	.8407	1.1268	1.8593
RP50/A	.3610	.4776	.5484	.5869	.6103	.6281	.6597	.7027	.7877	.8407	.9426	1.2647	2.0703
RP100/A	.4076	.5374	.6176	.6634	.6875	.7050	.7381	.7829	.8778	.9328	1.0408	1.3974	2.2840
RP1000/A	.5570	.7314	.8494	.9124	.9376	.9529	.9890	1.0385	1.1645	1.2240	1.3403	1.8141	2.9442
RP10000/A	.7036	.9209	1.0771	1.1589	1.1819	1.1937	1.2313	1.2836	1.4395	1.5014	1.6392	2.2079	3.7279
PMP/A	1.2622	1.7270	1.9753	2.1217	2.2201	2.2491	2.3400	2.6013	2.9179	3.1193	3.4638	4.7947	7.0320

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG	LOT	RWM	LATITUDE	LONGITUDE	COUNTY CODE			
208 1747 0	CHOLLAS RES	344	430	35	165	02W	S	32.733	117.050	90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.61	2.01	2.24	2.36	2.58	2.73	2.92	3.23	3.54	3.81	4.47	6.37	10.73
5	2.46	3.11	3.51	3.70	4.02	4.23	4.51	4.93	5.42	5.78	6.91	9.51	15.20
10	3.07	3.87	4.40	4.64	5.02	5.25	5.57	6.05	6.64	7.00	8.33	11.49	18.07
20	3.63	4.60	5.26	5.55	5.90	6.22	6.58	7.09	7.79	8.16	9.64	13.32	20.74
25	3.81	4.83	5.54	5.84	6.28	6.53	6.89	7.42	8.15	8.52	10.04	13.68	21.57
40	4.19	5.31	6.11	6.44	6.91	7.16	7.54	8.09	8.80	9.10	10.68	15.04	21.99
50	4.37	5.54	6.38	6.73	7.21	7.46	7.85	8.41	9.24	9.61	11.26	15.58	24.08
100	4.93	6.23	7.21	7.60	8.12	8.37	8.78	9.37	10.30	10.67	12.43	17.22	26.50
200	5.48	6.92	8.03	8.47	9.02	9.27	9.69	10.31	11.33	11.69	13.57	18.80	28.66
1000	6.73	8.49	9.91	10.46	11.07	11.32	11.76	12.43	13.68	14.00	16.11	22.35	34.16
10000	8.51	10.68	12.57	13.26	13.96	14.18	14.64	15.36	16.89	17.17	19.58	27.20	41.45
PMP	15.50	20.04	23.05	24.32	26.23	27.30	28.95	31.13	34.23	35.67	41.62	57.97	88.00
MEAN	1.043	2.296	2.584	2.726	2.950	3.092	3.264	3.566	3.937	4.189	5.067	6.930	11.602
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.584	1.847	1.596	1.400	1.239	1.155	1.142	.889	.873	.616	.647	.336	.780
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	6.298	5.310	6.244	5.818	5.631	5.381	5.588	4.652	3.680	3.331	3.540	2.372	3.488
N	41	41	41	41	41	41	41	41	41	41	41	41	41
RECORD YEAR	1937	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1937	1941
RECORD MAXIMUM	3.988	5.290	6.080	6.978	7.750	7.920	8.630	9.858	10.770	10.780	12.470	24.020	
NORMALIZED MAX	2.873	2.864	3.316	3.461	3.513	3.442	3.633	4.020	4.040	2.775	2.769	1.920	2.732
CALC. COEF. VAR	.404	.455	.492	.493	.463	.454	.458	.426	.415	.394	.407	.418	.392
REGON. COEF. VAR	.404	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.404	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1588	.1979	.2227	.2350	.2543	.2655	.2830	.3091	.3393	.3610	.4367	.5974	1.0000
RP10/A	.2631	.3338	.3770	.4098	.4326	.4525	.4805	.5213	.5727	.6038	.7183	.9518	1.5578
RP25/A	.3167	.4171	.4771	.5093	.5313	.5492	.5829	.6392	.7020	.7340	.8608	1.1963	1.8593
RP50/A	.3770	.4775	.5497	.5798	.6212	.6429	.6763	.7240	.7965	.8265	.9707	1.3429	2.0753
RP100/A	.4247	.5374	.6212	.6553	.6997	.7214	.7566	.8076	.8876	.9193	1.0716	1.4839	2.2840
RP1000/A	.5803	.7314	.8544	.9013	.9543	.9753	1.0138	1.0712	1.1775	1.2083	1.3405	1.9202	2.9442
RP10000/A	.7331	.9209	1.0834	1.1429	1.2030	1.2218	1.2622	1.3240	1.4557	1.4707	1.6880	2.3465	3.7279
PMP/A	1.3359	1.7289	1.9869	2.0960	2.2606	2.3533	2.4951	2.6631	2.9506	3.0741	3.5875	4.9969	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO: BSN ORDER SUB 208 4735 8	STATION NAME LA MESA	ELEV 526	SEC 19	TWP 165	RNG LOT 01W	8MM 5	LATITUDE 32.767	LONGITUDE 117.017	COUNTY 90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	1D	20	30	40	50	60	80	100	150	200	300	60D	365D
2	1.75	2.19	2.36	2.49	2.74	2.90	3.11	3.34	3.66	4.07	4.76	6.60	11.42
5	2.67	3.39	3.69	3.91	4.28	4.49	4.80	5.11	5.59	6.14	7.05	9.84	16.17
10	3.32	4.22	4.63	4.90	5.34	5.58	5.93	6.26	6.86	7.47	8.50	11.90	19.23
20	3.95	5.01	5.54	5.87	6.36	6.61	6.99	7.35	8.04	8.71	9.83	13.79	22.07
25	4.15	5.26	5.83	6.17	6.68	6.93	7.32	7.68	8.42	9.08	10.24	14.37	22.96
40	4.56	5.76	6.43	6.81	7.35	7.61	8.02	8.38	9.16	9.28	11.00	15.57	25.39
50	4.76	6.03	6.72	7.11	7.66	7.92	8.34	8.71	9.54	10.26	11.49	16.13	25.62
100	5.36	6.79	7.59	8.03	8.63	8.89	9.33	9.70	10.63	11.38	12.68	17.83	28.20
200	5.96	7.53	8.46	8.95	9.59	9.85	10.30	10.68	11.69	12.47	13.84	19.47	30.71
1000	7.33	9.24	10.44	11.09	11.77	12.02	12.50	12.87	14.10	14.63	16.43	23.14	36.35
10000	9.26	11.63	13.24	14.01	14.84	15.06	15.57	15.91	17.43	18.32	19.97	28.16	44.11
PMP	16.67	21.01	24.26	25.70	27.09	29.00	30.77	32.24	35.33	38.08	42.45	60.03	89.38
MEAN	2.006	2.499	2.722	2.881	3.138	3.265	3.491	3.715	4.063	4.469	5.167	7.176	12.346
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.553	1.441	1.402	1.388	1.259	1.261	1.224	1.224	1.266	1.266	1.266	1.266	1.266
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.600	1.300	1.200	1.200	1.100	1.000	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	5.777	4.940	3.040	2.710	2.429	2.437	2.617	3.039	3.209	2.661	2.954	2.903	3.363
N	40	40	40	40	40	40	40	40	40	40	40	40	40
RECORD YEAR	1937	1965	1965	1965	1938	1938	1966	1966	1966	1966	1966	1941	1941
RECORD MAXIMUM	4.008	5.380	5.410	5.410	5.239	5.950	6.551	7.230	7.420	7.420	10.029	13.620	23.700
NORMALIZED MAX	2.927	2.791	2.464	2.243	2.149	2.277	2.327	2.623	2.541	2.099	2.508	2.208	2.631
CALC. COEF. VAR	.410	.413	.397	.391	.376	.356	.374	.361	.364	.357	.374	.407	.351
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.461	.491	.461
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.461	.491	.461
MEAN/A	.1624	.2024	.2205	.2333	.2541	.2660	.2827	.3009	.3291	.3620	.4166	.5612	1.0000
RP10/A	.2691	.3414	.3753	.3971	.4324	.4517	.4817	.5117	.5417	.5717	.6016	.6316	1.5576
RP25/A	.3360	.4262	.4724	.4996	.5410	.5615	.5933	.6225	.6616	.7067	.7498	1.1042	1.8593
RP50/A	.3855	.4864	.5442	.5758	.6208	.6416	.6756	.7054	.7726	.8308	.8933	1.3067	2.0753
RP100/A	.4343	.5496	.6150	.6597	.6993	.7203	.7558	.7860	.8609	.9213	1.0271	1.4438	2.2840
RP1000/A	.5835	.7481	.8459	.8959	.9537	.9736	1.0127	1.0426	1.1421	1.2096	1.3306	1.8743	2.9442
RP10000/A	.7497	.9419	1.0726	1.1349	1.2023	1.2196	1.2609	1.2667	1.4119	1.4637	1.6179	2.2812	3.5729
PMP/A	1.3662	1.7663	1.9670	2.0814	2.2593	2.3492	2.4924	2.6116	2.8619	3.0025	3.4385	4.8620	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE													
STATION NO: BSN ORDER SUB 208 6086 1	STATION NAME NATIONAL CITY	ELEV 352	SEC 15	TWP 165	RNG LOT 01W	8MM 5	LATITUDE 32.668	LONGITUDE 117.112	COUNTY CO	CODE 90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION 0-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.34	1.59	1.73	1.89	2.07	2.17	2.32	2.54	2.72	2.90	3.47	4.68	7.68
5	2.04	2.47	2.72	2.97	3.24	3.37	3.58	3.88	4.16	4.38	5.14	6.99	10.87
10	2.54	3.07	3.41	3.72	4.04	4.18	4.42	4.75	5.10	5.33	6.20	8.44	12.93
20	3.02	3.65	4.08	4.46	4.81	4.96	5.22	5.57	5.99	6.21	7.17	9.79	14.84
25	3.17	3.83	4.29	4.69	5.05	5.20	5.47	5.83	6.26	6.46	7.47	10.20	15.43
40	3.49	4.21	4.74	5.17	5.56	5.71	5.98	6.36	6.83	6.62	8.09	11.05	15.72
50	3.64	4.39	4.95	5.40	5.80	5.94	6.22	6.61	7.10	7.31	8.38	11.45	17.22
100	4.10	4.94	5.59	6.10	6.53	6.67	6.96	7.36	7.91	8.11	9.25	12.65	18.96
200	4.56	5.48	6.23	6.88	7.26	7.39	7.69	8.10	8.70	8.89	10.69	13.82	20.64
1000	5.60	6.72	7.69	8.39	8.91	9.02	9.33	9.77	10.49	10.65	11.98	16.42	24.43
10000	7.08	8.46	9.75	10.64	11.23	11.30	11.62	12.07	12.97	13.05	14.57	19.99	29.65
PMP	12.90	15.87	17.88	19.52	21.11	21.76	22.96	24.46	26.30	27.13	30.96	42.60	68.09
MEAN	1.533	1.819	2.004	2.188	2.374	2.464	2.605	2.819	3.024	3.186	3.769	5.093	8.299
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.110	1.463	1.363	1.304	1.189	1.189	1.325	1.547	1.356	1.348	1.246	1.237	1.697
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	14.377	9.501	5.835	4.766	3.614	3.293	3.294	3.749	3.290	3.438	3.483	2.636	3.945
N	30	32	35	33	33	33	34	34	36	36	36	36	36
RECORD YEAR	1937	1937	1937	1937	1937	1937	1937	1937	1937	1937	1966	1966	1941
RECORD MAXIMUM	4.240	4.950	4.950	4.950	4.950	4.950	5.100	6.100	6.100	6.320	7.690	9.730	16.130
NORMALIZED MAX	3.850	3.509	3.099	2.927	2.643	2.483	2.331	2.058	2.356	2.486	2.547	2.102	2.705
CALC. COEF. VAR	.552	.490	.474	.431	.410	.406	.411	.438	.431	.395	.408	.433	.436
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.461	.491	.461
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.461	.491	.461
MEAN/A	1.0447	2.192	2.415	2.637	2.861	2.969	3.139	3.396	3.644	3.639	4.541	6.136	1.0000
RP10/A	.3060	.3697	.4109	.4487	.4867	.5041	.5328	.5727	.6150	.6417	.7469	1.0175	1.5576
RP25/A	.3621	.4615	.5172	.5648	.6090	.6267	.6586	.7026	.7547	.7811	.9003	1.2291	1.6593
RP50/A	.4304	.5289	.5958	.6507	.6969	.7163	.7499	.7963	.8554	.8810	1.0007	1.3795	2.0440
RP100/A	.4954	.5954	.6734	.7254	.7694	.7892	.8322	.8892	.9775	1.0000	1.1443	1.5243	2.0440
RP1000/A	.6740	.8100	.9262	1.0114	1.0737	1.0867	1.1242	1.1768	1.2645	1.2826	1.4438	1.9780	2.9442
RP10000/A	.8526	1.0199	1.1744	1.2829	1.3535	1.3613	1.3997	1.4566	1.5632	1.5733	1.7553	2.4064	3.5729
PMP/A	1.5537	1.9126	2.1536	2.3520	2.5434	2.6219	2.7668	2.9478	3.1686	3.2686	3.7306	5.1330	7.2400

PEARSON TYPE III DISTRIBUTION USED
 PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
 WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 208 7740 0	STATION NAME SAN DIEGO AP	ELEV 487	SEC 19	TWP 19	RNG LOT 19	BWM 19	LATITUDE 32°733	LONGITUDE 117°167	COUNTY 90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	1D	2D	3D	4D	5D	6D	8D	10D	15D	20D	30D	60D	365D
2	1.47	1.79	1.96	2.08	2.26	2.41	2.63	2.88	3.21	3.49	4.14	5.53	9.34
5	2.24	2.78	3.07	3.27	3.52	3.74	4.06	4.39	4.91	5.27	6.14	8.25	13.23
10	2.79	3.45	3.85	4.10	4.39	4.64	5.01	5.39	6.03	6.42	7.40	9.98	15.73
20	3.31	4.11	4.60	4.90	5.23	5.50	5.91	6.32	7.07	7.48	8.56	11.56	18.05
25	3.48	4.31	4.84	5.16	5.50	5.77	6.14	6.61	7.40	7.82	8.92	12.05	18.77
40	3.83	4.74	5.34	5.69	6.05	6.33	6.77	7.21	8.07	8.49	9.65	13.05	19.13
50	3.99	4.94	5.58	5.94	6.31	6.59	7.05	7.49	8.38	8.81	10.00	13.52	20.95
100	4.50	5.56	6.30	6.72	7.10	7.41	7.89	8.35	9.34	9.78	11.03	14.94	23.06
200	5.00	6.17	7.02	7.48	7.89	8.20	8.71	9.18	10.28	10.72	12.04	16.32	25.12
1000	6.14	7.57	8.67	9.24	9.69	10.07	10.57	11.07	12.39	12.83	14.30	19.40	29.73
10000	7.76	9.53	10.99	11.71	12.21	12.54	13.16	13.69	15.32	15.74	17.38	23.61	36.08
PHP	14.14	17.87	20.15	21.48	22.95	24.15	26.01	27.74	31.05	32.70	36.94	50.32	73.10
MEAN	1.682	2.048	2.259	2.408	2.582	2.735	2.950	3.196	3.571	3.841	4.497	6.016	10.097
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.020	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	.945	.820	1.009	1.063	1.038	.922	.916	1.059	1.016	1.125	1.162	1.222	2.256
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.200	1.100	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTO5IS	3.724	3.217	3.821	4.068	3.840	3.480	3.706	4.810	4.152	4.714	5.099	5.396	12.095
N	110	111	112	112	111	112	112	112	112	112	112	112	112
RECORD YEAR	1895	1926	1927	1944	1895	1895	1922	1922	1922	1922	1927	1937	1937
RECORD MAXIMUM	3.340	3.980	5.050	5.500	5.070	6.210	7.280	9.266	9.100	10.180	12.290	17.020	36.270
NORMALIZED MAX	2.561	2.488	3.032	3.428	2.948	2.866	3.202	4.153	3.303	3.160	3.000	3.900	11.100
CALC. COEF. VAR	.185	.180	.140	.124	.138	.144	.146	.158	.163	.160	.161	.158	.164
REGN. COEF. VAR	.494	.515	.528	.528	.522	.521	.512	.513	.501	.481	.491	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.522	.521	.512	.513	.501	.481	.491	.491	.416
MEAN/A	.1666	.2028	.2236	.2365	.2557	.2709	.2922	.3165	.3537	.3804	.4453	.5958	1.0000
RP10/A	.2759	.3421	.3808	.4059	.4350	.4599	.4960	.5337	.5969	.6359	.7325	.9879	1.5578
RP25/A	.3445	.4209	.4753	.5043	.5433	.5717	.6131	.6547	.7324	.7740	.8829	1.1933	1.8593
RP50/A	.3953	.4893	.5522	.5885	.6246	.6534	.6981	.7420	.8301	.8729	.9999	1.3394	2.0753
RP100/A	.4454	.5507	.6241	.6651	.7036	.7334	.7809	.8268	.9250	.9685	1.0928	1.4800	2.2840
RP1000/A	.6085	.7494	.8583	.9148	.9586	.9913	1.0465	1.0967	1.2272	1.2709	1.4160	1.9123	2.9442
RP10000/A	.7688	.9436	1.0804	1.1684	1.2096	1.2418	1.2910	1.3555	1.5176	1.5589	1.7214	2.3384	3.5729
PHP/A	1.4009	1.7695	1.9960	2.1274	2.2731	2.3918	2.5754	2.7470	3.0750	3.2388	3.6585	4.9838	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 209 1758 0	STATION NAME CHULA VISTA	ELEV 9	SEC 9	TWP 9	RNG LOT 9	BWM 9	LATITUDE 32.600	LONGITUDE 117.100	COUNTY 90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D=DAYS H=HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.44	1.79	1.93	2.04	2.18	2.33	2.53	2.72	3.05	3.32	3.92	5.35	9.11
5	2.20	2.77	3.03	3.19	3.41	3.62	3.96	4.16	4.66	5.01	5.81	7.99	12.89
10	2.73	3.44	3.80	4.01	4.25	4.49	4.82	5.10	5.71	6.10	7.00	9.65	15.33
20	3.24	4.09	4.54	4.79	5.07	5.32	5.68	5.96	6.70	7.11	8.10	11.19	17.60
25	3.41	4.30	4.78	5.04	5.32	5.58	5.95	6.26	7.01	7.42	8.44	11.66	18.30
40	3.75	4.72	5.22	5.56	5.86	6.13	6.51	6.82	7.65	7.98	9.14	12.63	18.64
50	3.91	4.92	5.50	5.81	6.11	6.36	6.78	7.09	7.94	8.37	9.47	13.09	20.43
100	4.41	5.54	6.22	6.57	6.88	7.16	7.58	7.90	8.85	9.29	10.45	14.46	22.48
200	4.90	6.15	6.93	7.32	7.64	7.93	8.37	8.69	9.74	10.18	11.41	15.79	24.48
1000	6.02	7.54	8.56	9.03	9.38	9.68	10.14	10.48	11.74	12.19	13.54	18.77	28.98
10000	7.60	9.49	10.85	11.45	11.83	12.13	12.65	12.95	14.52	14.95	16.46	22.85	35.17
PHP	13.86	17.81	19.96	21.00	22.23	23.36	25.00	26.25	29.43	31.06	34.99	48.69	71.26
MEAN	1.648	2.041	2.230	2.355	2.500	2.646	2.836	3.024	3.385	3.648	4.254	5.821	9.842
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.121	1.232	1.070	1.053	1.060	.967	1.207	1.225	1.118	1.022	1.017	1.000	1.136
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
KURTOSIS	4.269	4.223	3.893	4.080	4.127	4.059	4.686	4.934	4.708	4.614	3.672	3.437	5.742
N	50	50	50	50	50	50	50	50	50	50	50	50	50
RECORD YEAR	1941	1941	1927	1927	1927	1927	1922	1922	1922	1922	1922	1941	1941
RECORD MAXIMUM	3.670	4.660	4.980	5.580	5.990	6.430	7.350	8.260	8.810	9.310	9.930	13.600	25.960
NORMALIZED MAX	2.494	2.592	2.576	2.841	2.938	2.938	3.046	3.342	3.308	3.361	2.690	2.878	3.777
CALC. COEF. VAR	.492	.495	.479	.482	.475	.487	.522	.518	.485	.462	.448	.464	.434
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1674	.2073	.2266	.2392	.2540	.2688	.2882	.3072	.3439	.3706	.4327	.5914	1.0000
RP10/A	.2773	.3497	.3896	.4171	.4452	.4698	.5052	.5318	.5884	.6196	.7117	.9867	1.5578
RP25/A	.3463	.4365	.4854	.5124	.5407	.5673	.6047	.6356	.7121	.7542	.8579	1.1846	1.8593
RP50/A	.3973	.5003	.5592	.5903	.6204	.6484	.6885	.7204	.8072	.8506	.9618	1.3296	2.0753
RP100/A	.4476	.5629	.6320	.6672	.6990	.7278	.7763	.8027	.8995	.9437	1.0618	1.412	2.240
RP1000/A	.6116	.7662	.8692	.9176	.9533	.9837	1.0322	1.0647	1.1933	1.2384	1.3758	1.9072	2.9442
RP10000/A	.7726	.9647	1.1022	1.1636	1.2017	1.2323	1.2891	1.3160	1.4751	1.5190	1.6726	2.3212	3.5729
PHP/A	1.4080	1.8090	2.0214	2.1339	2.2582	2.3735	2.5403	2.6669	2.9900	3.1558	3.5548	4.9472	7.2400

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB	STATION NAME	ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE				
209 2406 0	DESCANSO RS	3500	24	155	03E G	5	32.856	116.623	90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	2.61	3.41	3.74	4.08	4.38	4.60	4.86	5.40	6.10	6.77	8.12	11.02	19.85
5	3.98	5.27	5.86	6.40	6.84	7.12	7.51	8.25	9.32	10.22	12.03	16.44	28.10
10	4.95	6.56	7.35	8.02	8.53	8.84	9.27	10.12	11.43	12.45	14.50	19.87	33.42
20	5.88	7.80	8.80	9.40	10.16	10.48	10.94	11.86	13.41	14.51	16.77	23.03	38.35
25	6.18	8.19	9.25	10.08	10.68	10.99	11.46	12.41	14.03	15.15	17.48	24.00	39.89
50	6.80	9.00	10.21	11.14	11.75	12.06	12.55	13.54	15.30	15.46	18.92	26.01	40.64
100	7.09	9.36	10.66	11.83	12.26	12.56	13.05	14.07	15.90	17.09	19.59	26.94	44.52
200	7.50	10.56	11.95	13.15	13.48	13.72	14.10	15.77	17.72	18.21	21.63	29.77	49.00
1000	8.87	11.72	13.42	14.65	15.33	15.61	16.12	17.24	19.49	20.78	23.61	32.51	53.36
2000	10.91	14.37	16.57	18.08	18.83	19.06	19.57	20.79	23.51	24.88	28.03	38.64	63.16
10000	13.78	18.09	21.01	22.93	23.73	23.87	24.36	25.69	29.06	30.51	34.07	47.03	76.64
PMP	25.12	33.93	38.54	42.06	44.60	45.98	48.16	52.07	58.90	63.39	72.42	100.24	155.31
MEAN	2.987	3.889	4.320	4.720	5.017	5.208	5.463	5.999	6.774	7.445	8.815	11.983	21.452
CLOCK HR. CDR.	1.140	1.070	1.040	1.070	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	2.136	2.023	2.257	2.340	2.342	2.174	1.785	1.261	1.223	.956	.838	1.126	.706
REGIONAL SKEW	1.500	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100

KURTOSIS	8.988	8.260	10.306	10.470	10.254	9.555	7.707	5.039	4.359	3.753	3.389	5.165	3.753
N	26	26	26	26	26	26	26	26	26	26	26	26	26
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	6.850	9.320	11.870	13.570	13.910	13.910	13.910	13.910	13.910	14.560	16.840	26.410	42.940
NORMALIZED MAX	2.827	2.973	3.502	3.651	3.682	3.609	3.437	2.976	2.518	2.414	2.309	2.974	2.590
CALC. COEF. VAR	.459	.470	.499	.514	.481	.463	.450	.443	.418	.396	.394	.405	.387
REGION. COEF. VAR	.494	.515	.528	.528	.522	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1392	.1813	.2014	.2198	.2339	.2428	.2547	.2796	.3158	.3470	.4109	.5586	1.0000
RP10/A	.2306	.3057	.3427	.3740	.3979	.4122	.4324	.4716	.5329	.5802	.6759	.9263	1.5578
RP25/A	.2880	.3816	.4314	.4708	.4978	.5124	.5344	.5785	.6539	.7052	.8147	1.1189	1.8593
RP50/A	.3304	.4374	.4970	.5424	.5713	.5856	.6085	.6697	.7412	.7955	.9134	1.2559	2.0753
RP100/A	.3723	.4922	.5617	.6130	.6435	.6573	.6808	.7300	.8260	.8837	1.0084	1.3877	2.2840
RP1000/A	.5087	.6699	.7725	.8431	.8776	.8884	.9122	.9690	1.0958	1.1596	1.3065	1.8015	2.9442
RP10000/A	.6426	.8434	.9796	1.0695	1.1063	1.1129	1.1357	1.1978	1.3545	1.4224	1.5883	2.1925	3.5729
PMP/A	1.1710	1.5816	1.7965	1.9605	2.0790	2.1436	2.2451	2.4273	2.7457	2.9551	3.3758	4.6729	7.2400

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE

STATION NO. BSN ORDER SUB 209 5154 0	STATION NAME	ELEV	SEC	TWP	RNG LOT	8MM	LATITUDE	LONGITUDE	COUNTY CODE				
	LOVELAND RES	350	1400	17	165 02E	5	32.781	116.800	90				
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS													
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650
2	1.78	2.39	2.63	2.79	3.01	3.13	3.32	3.70	4.11	4.49	5.41	7.09	13.03
5	2.72	3.69	4.12	4.38	4.69	4.85	5.13	5.66	6.28	6.77	8.01	10.59	18.44
10	3.38	4.60	5.17	5.49	5.86	6.02	6.33	6.94	7.70	8.24	9.65	12.79	21.93
20	4.02	5.46	6.18	6.57	6.98	7.14	7.47	8.14	9.03	9.61	11.17	14.83	25.17
25	4.22	5.74	6.50	6.92	7.33	7.49	7.83	8.51	9.45	10.03	11.63	15.45	26.18
40	4.64	6.31	7.17	7.63	8.07	8.22	8.57	9.29	10.31	10.24	12.60	16.75	26.67
50	4.84	6.58	7.49	7.97	8.41	8.56	8.91	9.65	10.71	11.31	13.64	17.35	29.22
100	5.45	7.40	8.47	9.00	9.48	9.61	9.97	10.75	11.94	12.55	14.40	19.17	32.15
200	6.06	8.21	9.43	10.03	10.53	10.64	11.01	11.83	13.13	13.76	15.72	20.93	35.02
1000	7.45	10.07	11.64	12.38	12.92	12.98	13.36	14.26	15.83	16.47	18.66	24.88	41.45
10000	9.42	12.68	14.76	15.70	16.29	16.27	16.44	17.62	19.57	20.21	22.68	30.28	50.30
PMP	17.16	23.78	27.08	28.80	30.61	31.33	32.88	35.71	39.67	41.98	48.21	64.54	101.92
MEAN	2.040	2.725	3.035	3.228	3.444	3.548	3.730	4.115	4.563	4.930	5.869	7.716	14.078
CLOCK HR. CDR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.011	1.473	1.882	1.870	1.620	1.479	1.145	.960	.625	.529	.379	.338	.763
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000	1.100

KURTOSIS	3.429	5.955	8.395	8.293	6.874	6.560	5.088	3.947	2.911	2.540	2.400	2.572	3.805
N	24	24	24	24	24	24	24	24	24	24	24	24	24
RECORD YEAR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
RECORD MAXIMUM	3.300	6.010	8.010	8.710	8.730	8.730	8.730	8.730	8.760	8.800	10.440	12.820	26.020
NORMALIZED MAX	1.671	2.754	3.252	3.349	3.197	3.151	2.946	2.542	2.186	2.054	1.924	2.024	2.550
CALC. COEF. VAR	.370	.438	.504	.507	.480	.463	.455	.441	.421	.382	.382	.344	.333
REGION. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.491	.416
MEAN/A	.1449	.1936	.2156	.2293	.2446	.2520	.2650	.2923	.3241	.3502	.4164	.5481	1.0000
RP10/A	.2401	.3265	.3609	.3902	.4162	.4279	.4498	.4929	.5470	.5855	.6856	.9088	1.5578
RP25/A	.2989	.4075	.4619	.5007	.5267	.5387	.5597	.6027	.6570	.7052	.8053	1.0284	1.8593
RP50/A	.3439	.4671	.5321	.5659	.5976	.6080	.6331	.6853	.7608	.8037	.9206	1.2322	2.0753
RP100/A	.3875	.5256	.6013	.6395	.6731	.6824	.7083	.7636	.8478	.8917	1.0230	1.3515	2.2840
RP1000/A	.5294	.7154	.8271	.8796	.9180	.9223	.9491	1.0128	1.1247	1.1701	1.3254	1.7674	2.9442
RP10000/A	.6688	.9007	1.0988	1.1854	1.1572	1.1512	1.1817	1.2519	1.3993	1.4113	1.5891	2.1891	3.5729
PMP/A	1.2187	1.6891	1.9233	2.0455	2.1746	2.2254	2.3358	2.5369	2.8182	2.9819	3.4246	4.5847	7.2400

PEARSON TYPE III DISTRIBUTION USED

PROBABLY MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

STATION NO. BSN ORDER SUB		STATION NAME		PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE										COUNTY CODE	
209	8726	1	SWEETWATER RES	359	300	17	175	01W	5	32.692	117.008	117.008	90	90	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS															
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650		
2	1.49	1.88	2.05	2.19	2.34	2.48	2.72	2.97	3.40	3.68	4.32	5.91	10.27		
5	2.27	2.91	3.22	3.44	3.65	3.85	4.20	4.54	5.19	5.56	6.39	8.82	14.55		
10	2.81	3.63	4.03	4.31	4.56	4.77	5.19	5.57	6.37	6.77	7.71	10.67	17.30		
20	3.45	4.31	4.83	5.15	5.43	5.65	6.13	6.53	7.47	7.89	8.91	12.36	18.85		
25	3.50	4.53	5.13	5.43	5.70	5.93	6.42	6.82	7.81	8.24	9.29	12.88	20.65		
40	3.87	4.98	5.60	5.99	6.27	6.51	7.02	7.46	8.53	8.91	10.06	13.96	21.03		
50	4.03	5.19	5.85	6.25	6.54	6.78	7.31	7.75	8.86	9.29	10.41	14.46	23.04		
100	4.54	5.84	6.61	7.05	7.37	7.61	8.17	8.63	9.87	10.31	11.50	15.98	25.36		
400	6.05	6.48	7.36	7.87	8.19	8.43	9.93	9.96	10.86	11.30	12.55	17.45	27.62		
1000	6.21	7.94	9.09	9.72	10.05	10.29	10.95	11.45	13.09	13.53	14.90	20.74	32.69		
10000	7.84	10.00	11.53	12.32	12.67	12.89	13.64	14.15	16.19	16.59	18.11	25.24	39.67		
PMP	16.29	16.76	21.14	22.60	23.81	24.82	26.96	28.88	32.81	34.47	38.49	53.80	80.39		
MEAN	1.699	2.150	2.370	2.533	2.678	2.811	3.058	3.304	3.773	4.048	4.685	6.432	11.104		
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
CALCULATED SKEW	1.755	1.542	1.359	1.223	1.104	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
REGIONAL SKEW	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
SKEW USED	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
KURTOSIS	6.324	5.067	4.761	4.496	4.274	4.061	3.833	3.533	3.102	2.866	2.679	2.506	2.468		
RECORD YEAR	1937	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895		
RECORD MAXIMUM	3.450	5.550	5.350	6.000	7.750	8.120	8.480	9.510	10.800	10.800	13.770	26.510	79.510		
NORMALIZED MAX	2.947	3.078	3.270	3.234	3.277	3.393	3.757	3.508	3.417	3.322	3.702	2.842	3.893		
CALC. COEF. VAR	.439	.438	.423	.426	.443	.430	.451	.447	.445	.429	.425	.401	.356		
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.451	.416		
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.451	.416		

MEAN/A	1.130	.1936	.2134	.2281	.2412	.2531	.2754	.2975	.3398	.3646	.4219	.5792	1.0000		
RP10/A	.2535	.3265	.3532	.3682	.3814	.3934	.4208	.4478	.5018	.5735	.6940	.9605	1.5578		
RP25/A	.3105	.4075	.4572	.4887	.5135	.5343	.5779	.6156	.7038	.7419	.8365	1.1602	1.8593		
RP50/A	.3632	.4671	.5267	.5629	.5893	.6166	.6581	.6976	.7977	.8367	.9379	1.3022	2.0753		
RP100/A	.4092	.5256	.5953	.6362	.6637	.6854	.7362	.7773	.8889	.9283	1.0354	1.4389	2.2840		
RP1000/A	.5591	.7154	.8187	.8750	.9052	.9264	.9865	1.0311	1.1792	1.2182	1.3416	1.9679	2.9442		
RP10000/A	.7063	.9067	1.0382	1.1096	1.1411	1.1664	1.2282	1.2744	1.4577	1.4942	1.6309	2.2734	3.5729		
PMP/A	1.2870	1.6891	1.9039	2.0349	2.1443	2.2352	2.4278	2.5827	2.9548	3.1043	3.4663	4.8534	7.2400		

STATION NO. BSN ORDER SUB		STATION NAME		PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE										COUNTY CODE	
211	514	0	BARRETT DAM	163	1623	22	175	03E	5	32.683	116.667	116.667	90	90	
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS															
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	600	3650		
2	2.06	2.73	2.99	3.25	3.56	3.80	4.21	4.57	5.10	5.73	6.64	9.06	15.26		
5	3.15	4.23	4.69	5.09	5.56	5.89	6.49	6.98	7.80	8.64	9.84	13.52	21.60		
10	3.91	5.26	5.88	6.38	6.94	7.31	8.02	8.56	9.56	10.52	11.86	16.33	25.69		
20	4.64	6.25	7.03	7.63	8.26	8.66	9.46	10.05	11.22	12.27	13.73	18.93	29.48		
25	4.88	6.56	7.40	8.03	8.68	9.08	9.91	10.51	11.73	12.80	14.30	19.73	30.66		
40	5.37	7.21	8.16	8.86	9.55	9.97	10.85	11.46	12.80	13.07	15.48	21.38	31.24		
50	5.60	7.52	8.53	9.25	9.96	10.38	11.29	11.91	13.30	14.44	16.03	22.15	34.22		
100	6.31	8.40	9.63	10.45	11.22	11.65	12.63	13.27	14.82	16.02	17.78	24.47	37.66		
200	7.01	9.39	10.73	11.65	12.47	12.90	13.94	14.60	16.31	17.56	19.32	26.73	41.02		
1000	8.62	11.52	13.25	14.38	15.31	15.75	16.92	17.66	19.66	21.03	22.94	31.77	46.55		
10000	10.88	14.50	16.80	18.24	19.29	19.73	21.06	21.75	24.31	25.73	27.98	36.66	58.92		
PMP	19.83	27.19	30.82	33.44	36.29	38.06	41.64	44.09	49.27	53.58	59.26	82.41	119.39		
MEAN	2.358	3.117	3.455	3.749	4.079	4.304	4.724	5.079	5.666	6.293	7.214	9.851	16.490		
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
CALCULATED SKEW	1.877	2.119	2.098	2.030	2.065	2.060	2.518	2.347	1.905	1.738	1.686	.994	.913		
REGIONAL SKEW	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
SKEW USED	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
KURTOSIS	5.698	8.212	13.887	13.564	12.691	12.648	11.552	10.248	7.573	6.644	6.817	3.681	3.924		
RECORD YEAR	48	48	48	48	48	48	48	48	48	48	48	48	48		
RECORD MAXIMUM	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927		
NORMALIZED MAX	2.375	3.672	4.549	4.640	4.619	4.618	4.566	4.294	3.831	3.514	3.772	2.819	2.855		
CALC. COEF. VAR	.529	.501	.508	.508	.501	.504	.585	.566	.544	.508	.491	.403	.351		
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.451	.416		
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.451	.416		
MEAN/A	.1438	.1890	.2095	.2274	.2473	.2610	.2864	.3080	.3436	.3816	.4375	.5974	1.0000		
RP10/A	.2369	.3188	.3565	.3869	.4208	.4431	.4863	.5194	.5799	.6379	.7195	.9606	1.5578		
RP25/A	.2958	.3979	.4488	.4870	.5265	.5589	.6011	.6372	.7116	.7765	.8673	1.1616	1.8593		
RP50/A	.3394	.4560	.5170	.5610	.6042	.6296	.6844	.7221	.8066	.8757	.9723	1.3430	2.0753		
RP100/A	.3824	.5132	.5843	.6341	.6806	.7067	.7656	.8066	.8988	.9717	1.0767	1.4840	2.2840		
RP1000/A	.5225	.6984	.8036	.8721	.9292	.9552	1.0280	1.0673	1.1923	1.2750	1.3609	1.9265	2.9442		
RP10000/A	.6600	.8794	1.0190	1.1058	1.1700	1.1905	1.2773	1.3192	1.4739	1.5646	1.6909	2.3447	3.5729		
PMP/A	1.2028	1.6491	1.8687	2.0280	2.1987	2.3047	2.5250	2.6734	2.9877	3.2492	3.5937	4.9792	7.2400		

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHEN N IS SMALL RESULTS ARE NOT DEPENDABLE

PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB Z11 1424 0	STATION NAME CAMPO	ELEV 167	SEC 2630	TWP 167	RNG LOT 2630	BWM 167	LATITUDE 32.617	LONGITUDE 116.447	COUNTY CODE 96			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650
2	1.82	2.48	2.73	2.99	3.25	3.49	3.75	4.03	4.59	4.92	5.81	7.99
5	2.78	3.83	4.28	4.68	5.07	5.41	5.79	6.16	7.02	7.43	8.60	11.92
10	3.45	4.77	5.36	5.87	6.33	6.71	7.16	7.56	8.61	9.04	10.37	14.41
20	4.10	5.67	6.42	7.03	7.54	7.96	8.44	8.86	10.10	10.54	11.99	16.69
25	4.31	5.95	6.75	7.39	7.92	8.35	8.85	9.27	10.56	11.01	12.49	17.40
40	4.74	6.54	7.45	8.16	8.71	9.16	9.68	10.11	11.52	11.97	13.53	18.86
50	4.95	6.82	7.78	8.52	9.09	9.54	10.07	10.51	11.97	12.41	14.01	19.53
100	5.57	7.67	8.79	9.63	10.23	10.71	11.27	11.71	13.34	13.77	15.47	21.58
200	6.19	8.52	9.79	10.72	11.37	11.86	12.44	12.88	14.68	15.10	16.88	23.57
1000	7.61	10.44	12.08	13.24	13.96	14.47	15.10	15.53	17.70	18.07	20.04	28.02
10000	9.62	13.15	15.33	16.79	17.59	18.13	18.80	19.20	21.88	22.17	24.36	34.10
PMP	17.53	24.66	28.11	30.79	33.06	34.92	37.16	38.90	44.35	46.05	51.77	72.68
MEAN	2.084	2.826	3.151	3.452	3.719	3.955	4.215	4.482	5.100	5.408	6.302	8.688
CLOCK MR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.828	1.770	1.750	1.736	1.727	1.720	1.687	1.654	2.620	2.465	2.001	1.072
REGIONAL SKEW	1.600	1.500	1.400	1.300	1.200	1.100	1.000	1.000	1.200	1.100	1.000	1.000
SKEW USED	1.600	1.400	1.400	1.400	1.400	1.400	1.300	1.200	1.200	1.100	1.000	1.000
KURTOSIS	6.784	6.751	6.972	8.177	8.479	9.151	7.552	6.587	14.503	13.656	10.645	5.315
N	51	51	51	51	51	51	51	51	51	51	51	51
RECORD YEAR	1916	1966	1967	1916	1916	1916	1916	1916	1916	1916	1916	1916
RECORD MAXIMUM	4.750	7.320	8.360	10.500	11.740	12.930	12.930	19.660	26.140	20.940	20.940	33.780
NORMALIZED MAX	2.979	3.141	3.702	4.008	4.306	4.306	3.897	5.014	4.336	4.600	3.705	2.682
CALC. COEF. VAR	.469	.534	.526	.552	.535	.538	.510	.484	.569	.552	.505	.471
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
MEAN/A	.1341	.1818	.2027	.2220	.2392	.2544	.2711	.2883	.3281	.3479	.4054	.5589
RP10/A	.2221	.3086	.3456	.3778	.4076	.4319	.4603	.4861	.5537	.5816	.6688	.9167
RP25/A	.2713	.3827	.4343	.4793	.5143	.5409	.5694	.5944	.6794	.7079	.8037	1.1194
RP50/A	.3182	.4386	.5002	.5479	.5844	.6137	.6479	.6759	.7941	.8264	.9091	1.2564
RP100/A	.3584	.4936	.5653	.6192	.6583	.6888	.7232	.7532	.8581	.8859	.9948	1.3482
RP1000/A	.4898	.6717	.7776	.8517	.8978	.9310	.9712	.9990	1.1384	1.1625	1.2899	1.8022
RP10000/A	.6187	.8458	.9860	1.1318	1.1862	1.2091	1.2348	1.2493	1.4073	1.4259	1.5670	2.1934
PMP/A	1.1275	1.5861	1.8082	1.9806	2.1268	2.2463	2.3492	2.5023	2.8526	2.9623	3.3303	4.6748

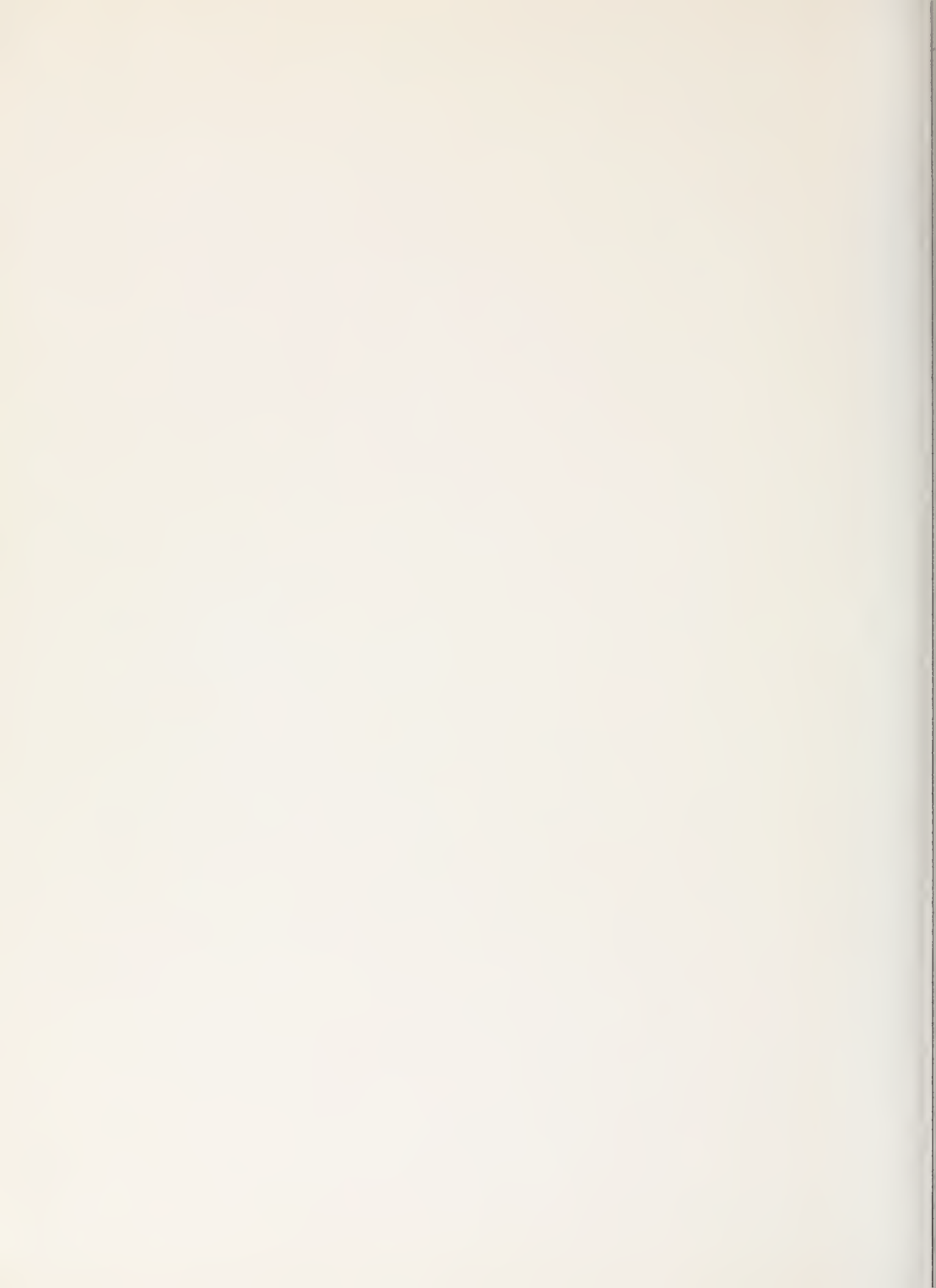
PRECIPITATION DEPTH-DURATION-FREQUENCY TABLE												
STATION NO. BSN ORDER SUB Z11 7100 1	STATION NAME POTRERO	ELEV 354	SEC 2300	TWP 07	RNG LOT 185 04E	BWM 5	LATITUDE 32.631	LONGITUDE 116.420	COUNTY CODE 90			
MAXIMUM PRECIPITATION FOR INDICATED DURATION D-DAYS H-HOURS												
RETURN PERIOD IN YEARS	10	20	30	40	50	60	80	100	150	200	300	3650
2	2.41	3.10	3.39	3.66	3.96	4.24	4.57	4.96	5.56	6.08	6.95	9.60
5	3.68	4.79	5.31	5.73	6.17	6.57	7.06	7.58	8.49	9.18	10.29	14.33
10	4.57	5.96	6.66	7.19	7.71	8.15	8.71	9.30	10.42	11.17	12.41	17.32
20	5.44	7.08	7.97	8.61	9.18	9.66	10.28	10.90	12.22	13.02	14.36	20.07
25	5.71	7.43	8.38	9.05	9.64	10.13	10.77	11.41	12.79	13.59	14.96	20.92
40	6.28	8.17	9.25	9.99	10.61	11.12	11.79	12.44	13.95	14.88	16.20	22.67
50	6.55	8.52	9.66	10.43	11.07	11.58	12.26	12.93	14.49	15.33	16.77	23.48
70	7.38	9.59	10.92	11.79	12.46	13.00	13.72	14.40	16.15	17.01	18.51	25.94
100	8.20	10.64	12.16	13.13	13.85	14.39	15.15	15.85	17.77	18.65	20.21	28.33
200	10.08	13.05	15.01	16.21	17.00	17.56	18.39	19.10	21.42	22.32	23.99	33.68
1000	12.74	16.43	19.04	20.56	21.43	22.00	22.89	23.61	26.48	27.38	29.16	40.99
PMP	23.21	30.61	34.91	37.50	40.27	42.38	45.25	47.85	53.68	56.88	61.98	87.36
MEAN	2.760	3.532	3.914	4.227	4.530	4.800	5.133	5.513	6.174	6.680	7.545	10.444
CLOCK HR. COR.	1.140	1.070	1.040	1.020	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000
CALCULATED SKEW	1.738	1.616	1.611	2.336	2.137	2.071	2.037	1.811	1.489	1.389	1.170	1.024
REGIONAL SKEW	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000
SKEW USED	1.600	1.500	1.600	1.600	1.500	1.400	1.300	1.200	1.200	1.100	1.000	1.000
KURTOSIS	5.677	5.883	10.373	12.034	10.813	10.360	9.619	8.261	6.193	5.704	4.818	4.028
N	47	47	47	47	47	47	47	47	47	47	47	47
RECORD YEAR	1941	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927	1927
RECORD MAXIMUM	6.340	9.450	12.550	14.650	15.360	16.320	17.450	17.450	17.610	17.610	18.450	24.720
NORMALIZED MAX	2.377	3.208	4.198	4.461	4.405	4.337	4.093	3.699	3.541	3.325	3.079	2.527
CALC. COEF. VAR	.546	.522	.526	.545	.536	.545	.553	.529	.501	.462	.435	.355
REGN. COEF. VAR	.494	.515	.528	.528	.526	.522	.512	.512	.513	.501	.481	.416
USED COEF. VAR	.494	.515	.528	.528	.526	.522	.521	.512	.513	.501	.481	.416
MEAN/A	.1525	.1951	.2162	.2335	.2502	.2651	.2836	.3045	.3411	.3690	.4168	.5770
RP10/A	.2526	.3291	.3680	.3974	.4257	.4502	.4814	.5136	.5756	.6170	.6855	.9567
RP25/A	.3154	.4107	.4632	.5002	.5327	.5596	.5951	.6301	.7063	.7510	.8263	1.1556
RP50/A	.3618	.4707	.5336	.5762	.6113	.6396	.6775	.7141	.8006	.8470	.9264	1.2971
RP100/A	.4777	.5297	.5630	.5886	.6129	.6366	.6719	.7068	.8097	.8597	.9228	1.3332
RP1000/A	.5570	.7210	.8294	.8957	.9391	.9703	1.0157	1.0553	1.1835	1.2331	1.3252	1.8605
RP10000/A	.7037	.9078	1.0518	1.1358	1.1838	1.2155	1.2646	1.3044	1.4630	1.5126	1.6111	2.2644
PMP/A	1.2823	1.7023	1.9288	2.0829	2.2246	2.3413	2.4997	2.6434	2.9655	3.1425	3.4241	4.8262

PEARSON TYPE III DISTRIBUTION USED
PROBABLE MAXIMUM PRECIPITATION ESTIMATE BASED ON 15 STANDARD DEVIATIONS
WHERE N IS SMALL RESULTS ARE NOT DEPENDABLE

CONVERSION FACTORS

English to Metric System of Measurement

Quantity	English unit	Multiply by	To get metric equivalent
Length	inches (in)	25.4	millimetres (mm)
		.0254	metres (m)
	feet (ft)	.3048	metres (m)
	miles (mi)	1.6093	kilometres (km)
Area	square inches (in ²)	6.4516×10^{-4}	square metres (m ²)
	square feet (ft ²)	.092903	square metres (m ²)
	acres	4046.9	square metres (m ²)
		.40469	hectares (ha)
		.40469	square hectometres (hm ²)
		.0040469	square kilometres (km ²)
	square miles (mi ²)	2.590	square kilometres (km ²)
Volume	gallons (gal)	3.7854	litres (l)
		.0037854	cubic metres (m ³)
	million gallons (10 ⁶ gal)	3785.4	cubic metres (m ³)
	cubic feet (ft ³)	.028317	cubic metres (m ³)
	cubic yards (yd ³)	.76455	cubic metres (m ³)
	acre-feet (ac-ft)	1233.5	cubic metres (m ³)
		.0012335	cubic hectometres (hm ³)
		1.233×10^{-6}	cubic kilometres (km ³)
Volume/Time			
(Flow)	cubic feet per second (ft ³ /s)	28.317	litres per second (l/s)
		.028317	cubic metres per second (m ³ /s)
	gallons per minute (gal/min)	.06309	litres per second (l/s)
		6.309×10^{-5}	cubic metres per second (m ³ /s)
Mass	million gallons per day (mgd)	.043813	cubic metres per second (m ³ /s)
	pounds (lb)	.45359	kilograms (kg)
	tons (short, 2,000 lb)	.90718	tonne (t)
		907.18	kilograms (kg)
Power	horsepower (hp)	0.7460	kilowatts (kW)
Pressure	pounds per square inch (psi)	6894.8	pascal (Pa)
Temperature	Degrees Fahrenheit (°F)	$\frac{t_F - 32}{1.8} = t_C$	Degrees Celsius (°C)



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